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Quantifying surface fuel characteristics in pocosin plant communities at the Dare County Bombing Range

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Abstract

This report serves to close out Research Joint Venture Agreement INT-96093 between Systems for Environmental Management and the Intermountain Research Station, now called the Rocky Mountain Research Station. Surface fuels were intensively measured in pocosin and pond pine communities on the Dare County Bombing Range, the Croatan National Forest, and the Green Swamp Nature Preserve of The Nature Conservancy. Custom fuel models for use in fire behavior systems were created and compared with standard models. Vertical fuel profiles and potential fire behavior are displayed for each vegetation community. Across the low-high pocosin gradient, total fuel load is largely a function of fuelbed depth. Fuel load can therefore be predicted from fuelbed depth.

Introduction

Chaparral vegetation in southern California and pocosin vegetation on the coastal plain of North Carolina are similar fuel complexes. Both are "live" shrub fuel complexes composed of a heavy load of highly flammable vegetation often represented by fire behavior fuel model 4 (chaparral). Both have a high dead fuel fraction. Fires in both types can have high spread rate and intensity, and can exhibit extreme fire behavior. Shrub species in both types are well-adapted to a regime of stand-regenerating fire, and usually recover quickly after fire.

Yet chaparral and pocosin vegetation types are also quite different. Chaparral grows on steep terrain over mineral soils, whereas pocosin is found on flat terrain over organic soils up to several feet deep. Chaparral occurs in a warm, dry climate; pocosin in a hot, humid climate. Severe fires in chaparral occur during warm, dry foehn winds (Santa Ana or East winds) with high temperatures, low humidity, and low dead fuel moisture contents. In pocosin vegetation, severe fires such as the 1971 Bombing Range fire (Wade and Ward 1971) are often associated with cold front passage, which brings relatively cool temperatures and moderate humidity, resulting in moderate fuel moistures. Because of the deep organic soils in pocosins, residential and commercial development is difficult, so the "wildland-urban interface" fire problem is much less extensive than in southern California chaparral. However, road building is difficult in pocosins, so road density is low and vehicle access is poor. In most areas, the organic soils will not support the weight of conventional firefighting equipment. Special high flotation flexible-track vehicles must be used.

Significant efforts have been made to describe chaparral fuels (Conard and Regelbrugge 1994, Countryman and Philpot 1970, Paysen and Cohen 1990, Rothermel and Philpot 1973, Wakimoto 1977), but less so for pocosin (Wendel, Storey and Byram 1962, Blackmarr and Flanner 1975). A recent chaparral fuel modeling workshop (March 11-12, 1997 at the Pacific Southwest Research Station, Forest Fire Laboratory, Riverside, California) led to the development of several preliminary custom chaparral fuel models for use with the BEHAVE fire behavior prediction system (Andrews 1986).

This report describes the results of a study that examined the structure of pocosin fuels to create custom fuel models for use in fire behavior modeling, and to begin the examination of vertical fuel distribution in shrub fuel complexes.

Fuel Sampling

We sampled 59 1-meter-square plots in pocosin vegetation in three study areas on the coastal plain of North Carolina. Twenty-five plots were in high (or "tall") pocosin averaging about 2 meters in height, 24 plots were in low (or "short") pocosin about 1 meter in height, and 10 plots in low pocosin that was burned under prescription just 2 years before sampling. Height of the shrub canopy at each plot ranged from less than 1 meter in the burned low pocosin to more than 3 meters in the high pocosin.

General procedure

Together, the Intermountain Fire Sciences Lab, Systems for Environmental Management, and Pacific Northwest Research Station collected fuel samples from ten plots at each of 7 locations in North Carolina. Three locations are on or near the Dare County Bombing Range, while the remaining are at the Croatan National Forest.

One bombing range location is the Waterfield/Ash paired-watershed research blocks. This is a pond pine woodland vegetation type (heavy pond pine overstory with a sparse to moderate density understory of shrubs). Another bombing range sample location is the High Pocosin west of Long Curve Road. The High Pocosin has a sparse canopy of stunted pond pine, usually less than 30 feet tall with a dense 6-10 foot tall shrub layer. The last bombing range fuel sampling location is the Highway 264 Low Pocosin, about ¼ mile west of the highway. The remaining fuel sampling locations are on the Croatan National Forest, in both Low and High Pocosin vegetation types. The goal on the Croatan is to compare some recently-burned vegetation complexes with unburned counterparts.

At each location we sampled 10 systematically-located plots. In the Low and High Pocosin locations the plots were one meter square. In the pond pine woodland the plots were two meters square (four square meters), due to the lower shrub density. At the bombing range locations, plot location was dictated by the needs of the ongoing research project there. Sample plot locations were previously established in the pond pine woodland location. In the woodland, these fuel plots are co-located with a micro-topography plot and a vegetation composition plot. At the Low and High Pocosin plots at the bombing range and Croatan National Forest we located plots at fixed intervals along a transect.

Field procedure

Regardless of the layout of the plots, the field sampling procedure for each plot was as follows:

(1)Establish the location and orientation of the plot (see discussion above, figures 2 and 3)

(2) Establish plot corners (1 m square in HP and LP, 2 m square in PPW) and mark with 10' long metal conduit, making sure conduit is plumb and square). Use a right angle prism and short tape measure to make the plot as square as possible. Also, use four right-angle pipe fittings to secure 1-meter conduit (2-meters in the PPW) around the sides to keep them square and plumb. This framework should be set at one of the strata interfaces (e.g. at 1 meter or 1.5 meters above ground level. The ground level will not be perfectly level within the plot, so the height of the first strata should be set 0.5 m above the average ground level such that the volume of this strata is 0.5 cubic meters.

(3) Clear a work area around three sides of the plot to allow access using the power hedge trimmer, clippers and loppers. Leave a buffer of about 20-30 cm around the plot boundary to avoid cutting vegetation which hangs into the plot from the outside.

(4) Collect samples of the surface litter. This may need to be done AFTER the shrub fuels have been collected in the High Pocosin and Low Pocosin plots.

(a) Establish the corners of two litter sub-plots (½ meter square) in opposite corners of each plot.

(b) Place (4) litter depth nails within each sub-plot. Set the top of the nail level with the local average top of the surface litter.

(c) collect litter from the two sub-plots and place in a woven nylon sandbag. The two subplots can be placed together into one bag.

(d) Measure and record the depth of litter removed as shown by the exposed height of the litter nail, then remove nails.

(5) Record measures of height of fuel profile (meters) using marks on the conduit as a guide.

(a) "eyeball" average height within the plot (area-weighted)

(b) maximum height of any fuel particle within the plot

(c) minimum height of any fuel particle within the plot

(6) Make sure the conduit plot corners are correctly marked with the proper strata. Place an additional properly-marked conduit marker pole in the center of the plot. We will sample the shrubs in four strata, numbered from the bottom up.

STRATA	HEIGHT	DEPTH	COLOR
1	0.0-0.5m	0.5m	blue

2	0.5-1.0m	0.5m	orange
3	1.0-1.5m	0.5m	yellow
4	1.5m +	varies	blue/yellow

(7) Beginning at the uppermost strata, start clipping fuel particles within the marked plot. Clip (at its intersection with the plot boundary) and discard those particles which hang outside the plot. Be sure to place the clipped fuels into the correct bag!

(8) Working down from the uppermost strata, continue clipping and bagging until all vegetation has been bagged.

(9) Remove the conduit plot markers and place a red and white marker pole in the center of the plot. Take several photographs (35mm slides, portrait orientation) of the exposed fuel profile, including one which includes a plot identifier large enough to be read on a photograph. Use a flash to illuminate shadows if necessary. We will also take a stereo pair of photos using the PNW medium-format setup. These photo pairs can be used to estimate the fuelbed height at various points within the plot to validate our ocular estimate of average height. The photos may also be used to define the ground surface and compute the actual volume of the lowest stratum in each plot.

(10) Mark the plot location with flagging, including the plot identifier.

(11) Remember to fill out the data sheet, including the total height measurements (m), litter layer depth measurements (cm), and the number of bags collected in each stratum. Finally, make sure the bags are clearly labeled with the plot identifier and stratum.

Field sampling supplies:

(per crew)

Quantity	Item	Use
4	10' metal conduit	plot corner markers
4	right-angle tee	keeping plot rods straight and square
1	10' metal conduit	stratum marker (in plot center)
1	right-angle prism	for laying out a square plot
3	pairs of hand clippers	one is a spare
1	pair of heavy-duty loppers	for the big stuff
1	folding hand saw	for even bigger stuff
1	tatum	Storing and filling out field forms
many	field forms, pencils and sharpies	recording field data

several	plastic flagging (each of 4 colors)	marking poles, bags, plots, etc.
1	roll of twine	For tying sample bags
4	litter depth nails	measuring litter depth
1	2-meter tape	Measuring litter depth and laying out plots
1	height pole	for scale in photographs

(per plot)

4	paper tags	for marking sample bags
3	40-kg woven plastic grain sacks	for collecting shrub samples
1	woven plastic sandbag	also for shrub samples
1	two-gallon ziplock	for collecting litter sample
1	10' metal conduit	marking plot location 10 m off trail
1	5' metal conduit	marking plot location on trail

Laboratory procedure

We attempted to do as much sorting as possible while in North Carolina. However, due to the exposure to weather, lack of suitable work sites and tedious nature of the work, no sorting took place in the field beyond the stratum level. All fuel samples were hauled out of the field and transported to a more comfortable environment for sorting into size classes.

Each sorting crew sorted only one stratum at a time, to avoid any possible mixing of different strata. Sorting was done on a smooth, sweepable surface (e.g. concrete, wood, linoleum) to permit cleaning of the area between batches. After initial sorting, the ¼ to 1 inch size class was further broken down into ¼ to ½ and ½ to 1 inch classes for both live and dead fuels. The initial sorting classes are as follows:

Dead fuel:

  dead foliage and needle drape

  0-1/4 inch material

  1/4 to 1 inch material

Live fuel:

  green foliage

0-1/4 inch material

1/4 to 1 inch material

The sorting by size class was relatively straight-forward, and was aided by the use of a go/no-go gauge. The only difficulty was in distinguishing between live and dead fuels in the 0 to ¼ and ¼ to 1 inch size classes. We used the following tests to distinguish live from dead fuels:

> Apply a strong bending force to the piece. If it snaps easily and cleanly it is dead. If under force the piece does not break at all or just splinters, it may be live. Check to be sure by slicing with a knife through the cambium and into the wood. If there is a little greenish color at the cambium and the wood is quite white it's live. If the cambium is brownish and the wood is brown too, then consider it dead.

Some of the finely divided shrubs had many fine dead twigs attached to fine live twigs. We sorted them by first pulling off the fine dead twigs (which will snap off very easily) before anything else. Then the live foliage was stripped off the twigs. What remains is live woody fuel that must be divided between size classes.

When sorting for a stratum is complete there was sometimes a pile of fine particles left on the work surface. We tried to sort out most of the live foliage from this pile (there's always some there). What remains was almost all fine dead material; it was included with the 0 – ¼ inch dead class.

When a stratum was finished, we placed the sorted material into paper bags, then into lager woven-plastic sandbags clearly labeled with the plot identifier, stratum, and sort class. Finally, fill out the data sheet, indicating which classes were present in each of the strata. The sorted samples were returned to Missoula for drying and weighing to obtain the oven-dry mass.

Some sorting took place each day after the field work had been completed. On rainy days we spent the entire work day sorting. All strata samples were sorted in North Carolina and then shipped by FedEx to Missoula for drying and weighing.

Lab supplies

(per crew)

Quantity	Item	Use
6	5-gallon buckets	temporarily holding sorted material
600	small paper bags	packaging small amounts of sorted material
400	woven plastic sandbags	packaging larger amounts material
1	go/no-go gauge	to aid sorting by size class

1/plot	data forms	for recording fuel information
several	pencils, sharpies	
1	stapler	For closing paper bags
3	Hand clippers for stems up to about ½ inch	
1	heavy-duty loppers for stems up to about 1 inch	
1	folding hand saw for cutting stems to 2 inches	
1	height pole for showing scale in photographs	
1	2 meter tape for litter depth, etc.	
1	tatum	

Results

Dare County Low and High Pocosin fuel models

The essential characteristics of a fuel complex for fire behavior modeling include the load (kg/m^2) and bulk density (kg/m^3) of fuel by particle-size class. Bulk density is fuel load divided by fuelbed depth (m). For any fuel complex, these characteristics can be displayed in a bulk density diagram with depth of fuelbed on the y-axis and bulk density on the x-axis. We compared fuelbed characteristics at both the individual-plot and stand levels (average of 10 plots). At a representative plot in each fuel type (fig. 1), the high pocosin exhibited higher bulk density and load than the low pocosin. The high pocosin was also a deeper fuel bed. Both high and low pocosin plots exhibited a characteristic decrease in bulk density with increasing height within the fuelbed. This general pattern was observed for nearly all individual plots sampled. However, most of the bulk density of the lower layer consists of live stems greater than 6-mm (1/4-inch) diameter, which do not contribute significantly to frontal fire behavior and are therefore not usually considered in fire behavior modeling.

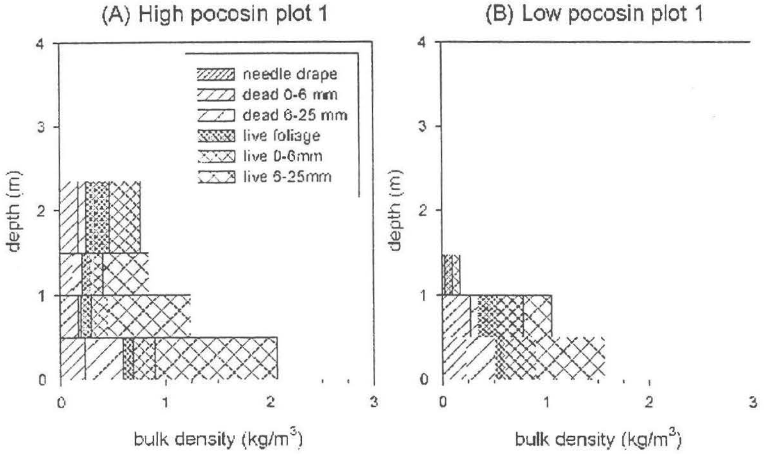


Figure 1 Representative plot-level bulk density diagrams for Dare County Bombing Range High Pocosin (A) and Low Pocosin (B). Maximum fuelbed height within each plot is indicated on the y-axis, while bulk density is indicated in the x-axis. The area of the bars represents fuel load (kg/m^2)

This decrease in bulk density with increasing height within the fuel complex is even more pronounced at the stand level (fig. 2). This is because the shorter plots in the stand do not contribute to bulk density in the higher layers.

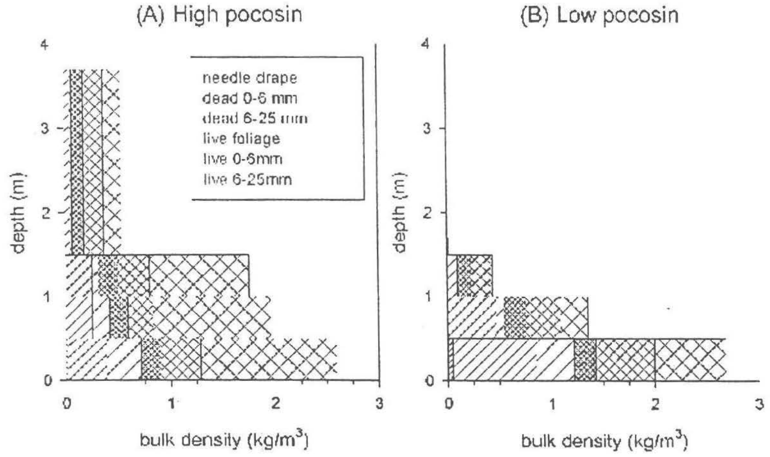


Figure 2 Stand level bulk density diagram for DCBR High Pocosin (A) and Low Pocosin (B). Bulk density is low in the highest layers because not all plots have fuel in those layers, reducing the average.

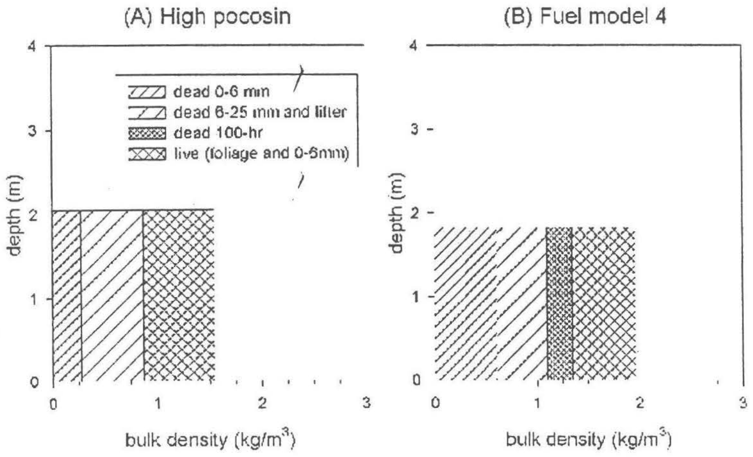


Figure 3 Fuel bed depth and bulk density by class and component for the Dare County Bombing Range High Pocosin (A) compared with fire behavior fuel model 4 (B). Foliage and fine twigs have been combined into one class. Litter in the High Pocosin is treated as an effectively coarse component; it is included in the 10-hr dead class.

Anderson (1982) recommends using fire behavior fuel model (FM) 4 to represent high pocosin, and FM 6 for low pocosin. Compared to FM 4, the DCBR high pocosin is a slightly deeper fuel bed, but is less tightly packed (if, as in the standard models, the coarse live fuels are not considered), and has a similar loading of fuels that can potentially carry a fire (fig. 3). The DCBR high pocosin has less fine dead fuel than FM 4, and no live or dead fuels greater than 25 mm diameter at all. In subsequent fuel models built from the same data (table 1, fig. 3), the litter load (2 tons/acre) was included as dead 10-hr fuels rather than as 1-hr fuels as might be done based on the surface-area-to-volume ratio (SAV) of the individual litter particles. If the litter load were included as a 1-hr timelag fuel, the fire model would assume this load to be evenly distributed throughout the fuelbed, resulting in a lowering of the characteristic SAV and leading to an over-prediction of spread rate. Because litter is quite compact relative to the rest of the fuel bed, we opted to treat the litter as an effectively coarse fuel with relatively low SAV. As such, the litter does not have a significant effect on predicted spread rates. In pocosin fuels, litter characteristics determine whether a fire will be able to spread and probably has little influence on ultimate fire behavior.

Table 1 Summary of fuel load and SAV by size class and component.

		High Pocosin		Fuel model 4		Low Pocosin		Fuel Model 6	
		load	SAV	load	SAV	load	SAV	load	SAV
Dead	1-hr	4.2	2000	5.0	2000	6.1	2000	1.5	1750
Dead	10-hr	4.5	109	4.0	109	4.0	109	2.5	109
Dead	100-hr	0.0	30	2.0	30	0.0	30	2.0	30
Live	Foliage	5.0	1500	5.0	1500	4.8	1500		
Live	Twigs	3.0	1500			2.6	1500		
total		16.7	1667	16.0	1739	17.5	1730	6.0	1564

Likewise, we compare the low pocosin with FM 6 (fig. 4). Like the high pocosin, the low pocosin has no 100-hr timelag component, only live and dead fuels less than 25 mm diameter. Fuel model 6 has a significant load of 100-hr timelag fuel, but no live fuels (it nominally represents dormant shrubs and hardwood slash). The low pocosin is a deeper, more compact fuel bed than FM 6; therefore, it also has a higher fuel load.

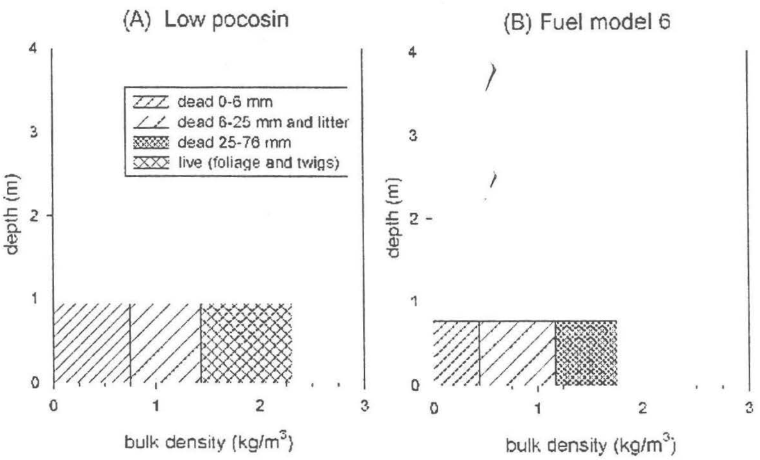


Figure 4 Fuelbed depth and bulk density by size class and component for Low Pocosin (A) compared with fire behavior fuel model 6 (B).

We used the inventory data to develop first approximations for fuel models of low and high pocosin at the DCBR site. These preliminary models are based on the actual measured load and depth, with broad assumptions concerning other fuel model values. These models are for comparison with standard models and for future calibration with actual fires. The models are not yet ready for operational use.

Fuel model characteristics of standard and custom fuel models were compared (table 1), as were values for other inputs needed to use Rothermel's (1972) fire spread model (tables 2, 3). Predicted spread rate and fireline intensity were compared over a range of 20-ft windspeeds.

Table 2 Fuel model parameters for High and Low Pocosin custom models and standard fuel models 4 and 6. For the custom models, depth is the average of 10 plots.

	High Pocosin	Fuel model 4	Low Pocosin	Fuel model 6
Depth (ft)	6.7	6	3.1	2.5
Extinction moisture (%)	30	20	30	25
Heat content (BTU/lb)	9000	8000	9000	8000

Table 3

Input factor			value
Fuel moisture content (%)	dead	1-hr	10
		10-hr	15
		10-hr	20
	live	Foliage	120
		twigs	120
Wind reduction factor			0.4
Slope (%)			0

Fire managers have observed that fuel model 4 does not adequately predict rate of spread in pocosin fuels. When dead fuel moistures are 15-20 percent, as they often are during both wildfire and prescribed fire conditions, fuel model 4 underpredicts actual spread rates. This is due to the relatively low extinction moisture in fuel model 4 (20 percent) relative to the typical pocosin burning conditions. At lower fuel moistures, FM 4 may overpredict spread rate due to the abundance of fine dead fuel in the model.

The preliminary DCBR high pocosin model predicts slower spread rates than FM 4 at the fuel moistures often encountered in pocosin wildfires (table 3). The model also predicts slightly lower spread rates for the low pocosin than the high pocosin, despite a slightly higher fuel load in the low pocosin. This is due to a lower packing ratio (bulk density) in the high pocosin, which leads to higher spread rates, especially in windy conditions. Rothermel's model predicts the spread rates for FM 6 will be slower than the other fuel models.Similar to spread rates, the highest intensities occur with FM 4 (fig. 5). The high pocosin has lower intensities than low pocosin, although its spread rates were higher. This is because the low pocosin model has a higher heat yield per unit area, mainly resulting from its slightly higher load and higher SAV (finer fuels). The intensity for FM 6 is quite low compared to the other models.

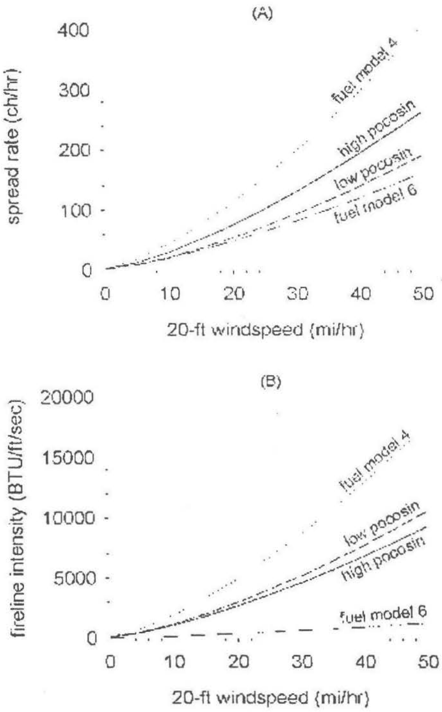


Figure 5 Predicted spread rate (A) and fireline intensity (B) for standard and custom fuel models. Input values are shown in tables 1-3.

Discussion

The fuel inventory procedures we used were designed to provide estimates of fuel model parameters from a relatively uniform shrub fuel complex. The technique also provides information on the vertical distribution of fuel within the fuel complex. Although the Rothermel fire model cannot use this information, several other fire models under development can use this vertical fuel distribution information. Examination of chaparral and other live fuel complexes in this manner may provide useful insight into its structure and composition. Similar methods may also prove useful in examining the structure of conifer canopy fuels to better determine canopy fuel characteristics for crown fire behavior modeling.

Fuel load and depth relationships

All low and high pocosin sampling plots, whether recently burned or not, were combined into one dataset to examine the relationships between fuelbed depth and fuel load. Total fuel loading, including all dead and live shrub biomass increases with increasing fuelbed depth (fig. 6).

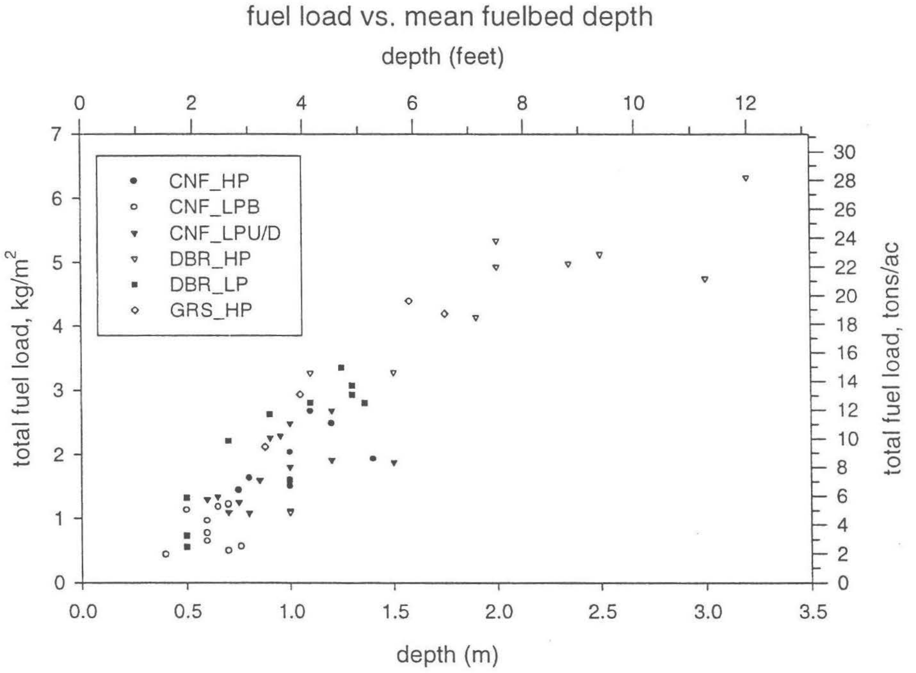


Figure 6 Total fuel load, including coarse live woody fuel, plotted against mean fuelbed depth.

The rate of increase in fuel load with increasing depth decreases above about 1.5 m. Only DCBR high pocosin plots are taller than that height, though, so the leveling-off could be attributable to characteristics of the DCBR high pocosin. The relatively proportional relationship between depth and load implies that bulk density is relatively constant. That is, the increasing fuel load is accompanied by increasing depth, so bulk density does not increase. Maximum total fuel load occurs on the tallest plots, at about 25 – 30 tons/ac. However, this is for total fuel load, including fuel components that normally do not burn during flame front passage and therefore are not considered in fuel models. Fine fuel load shows a different relationship to mean fuelbed depth (fig. 7). Only the fine fuels are involved with and influence frontal fire spread, so it is those fuels that we are most concerned with. Across all sites, fine fuel load increases with increasing fuelbed depth, just as with total fuel load, but reaches a peak of about 13 tons/ac. For fuelbed depths above 1.5 m, fine fuel load appears to be constant, averaging approximately 10 – 12 tons/ac. Because depth increases but fine fuel load remains constant above 1.5 m, fine fuel bulk density must therefore decrease as fuelbed depth increases (fig 8), though only slightly.

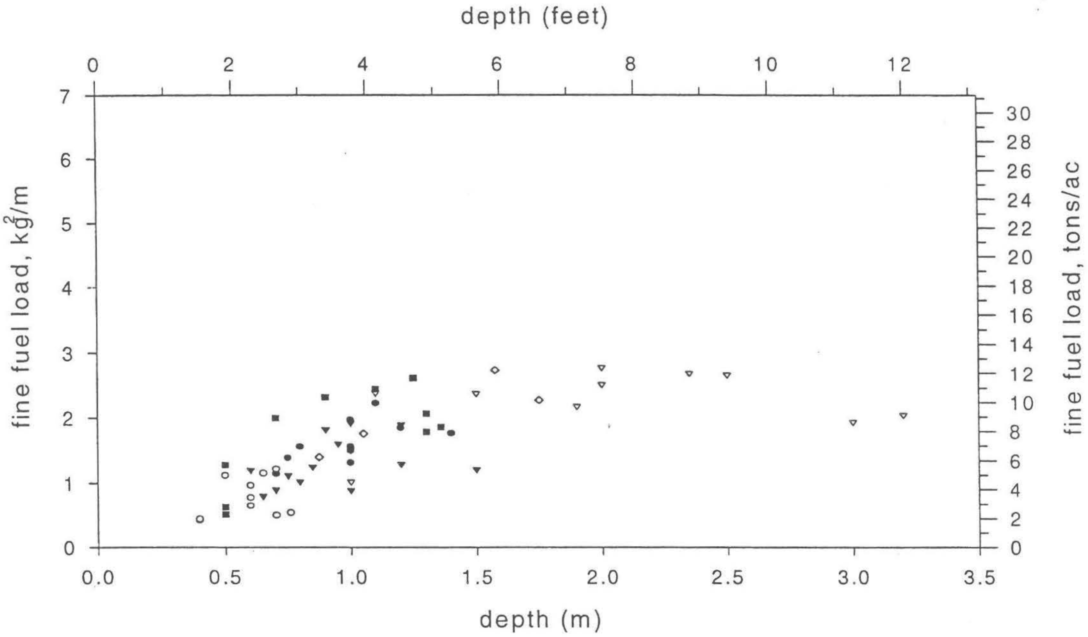


Figure 7 fine fuel load plotted against fuelbed depth.

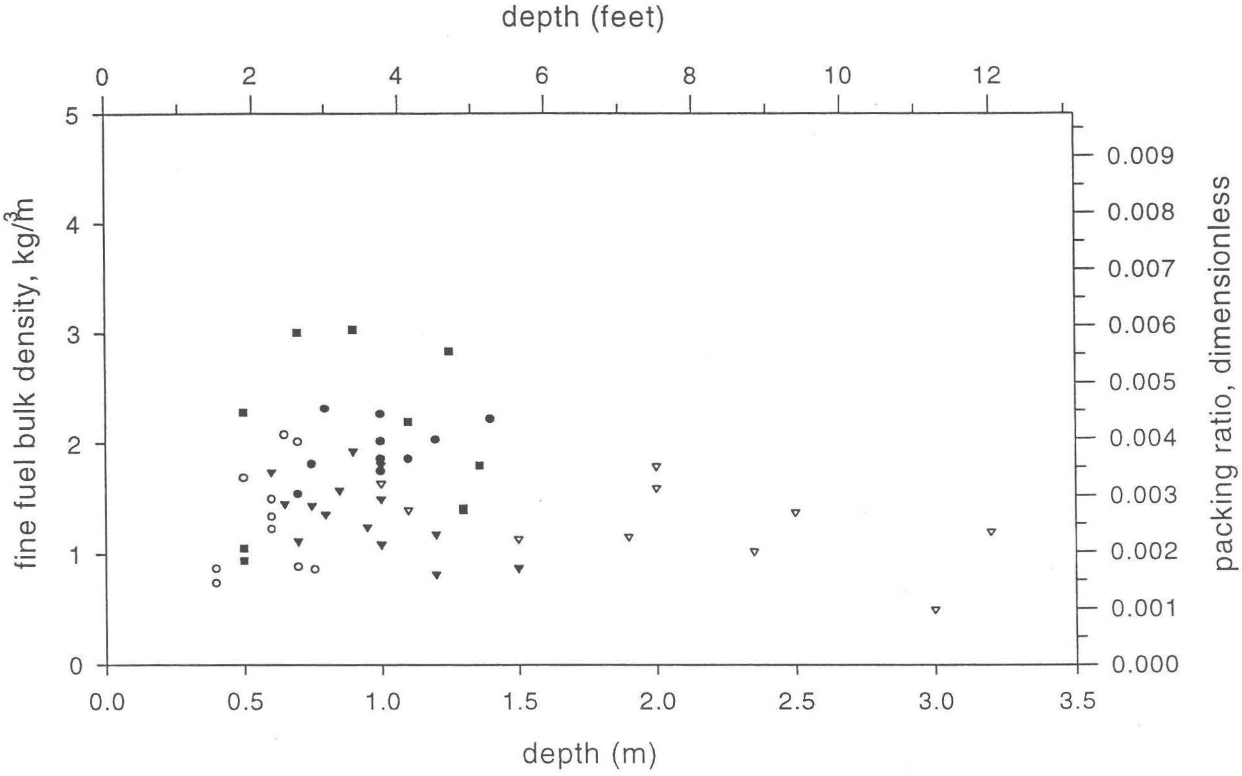


Figure 8 Fine fuel bulk density plotted against fuelbed depth.

Fine fuel bulk density is an important parameter in frontal fire spread, perhaps more important than fuel load itself. For surface fuels, lower bulk density leads to higher spread rate and fireline intensity. (In canopy fuels, which have inherently lower bulk densities by an order of magnitude, spread rate generally increases with increasing bulk density.) It is a well established fact that fire behavior in high pocosin is worse than low pocosin. It has generally been assumed that this is due to higher fuel loading in high pocosin. Past fuel research in low and high pocosin has indexed fire potential strictly on fuel load. However, this research suggests a different explanation for increased fire behavior in high pocosin compared to low pocosin – bulk density.

Total fuel load does indeed increase along the low – high pocosin gradient. However, much of this increase is in the coarse biomass that supports the taller plants, but does not burn in a short enough time to effect frontal fire behavior. Fine fuel load in the taller (high pocosin) plots was not significantly higher than the shorter plots, except those at the lowest end of the low and the recently burned plots. The lower bulk density of taller plots could therefore explain increased fire behavior in taller high pocosin fuels.

Optimum packing ratio

Bulk density is directly related to packing ratio, the ratio of the volume of a fuelbed occupied by fuel to the total volume. The surface fire spread model still in use today

(Rothermel 1972) includes a variable called optimum packing ratio, implying there is some "ideal" bulk density that maximizes spread rate or intensity. However, examination of the model reveals that "optimum packing ratio" optimizes another model variable, reaction velocity, not spread rate or intensity. In fact, simulations using NEXUS to explore the effect of bulk density on spread rate and fireline intensity could reveal no optimum bulk density – the lower the bulk density the higher the spread rate and intensity. This was true for a wide variety of fuel load and windspeeds.

There is, however, a limit of how low bulk density can go. Although there is no optimum bulk density, and reducing bulk density leads to higher spread rates, at some bulk density solid flame can no longer be maintained and the fire will fail to spread at all. Van Wagner (1977) applied this concept to crown fires and determined a minimum mass flow rate of 3.0 $kg/m^2/min$ was required to maintain solid flame. Mass flow rate is the product of bulk density and spread rate. Despite the higher spread rates with lower bulk density, at some point the mass flow rate falls below the threshold and the fire fails to spread. Hartford (personal communication) found the same phenomenon when burning outdoor test fuelbeds – decreasing bulk density lead to higher spread rates up to the point at which the fire would not spread at all.

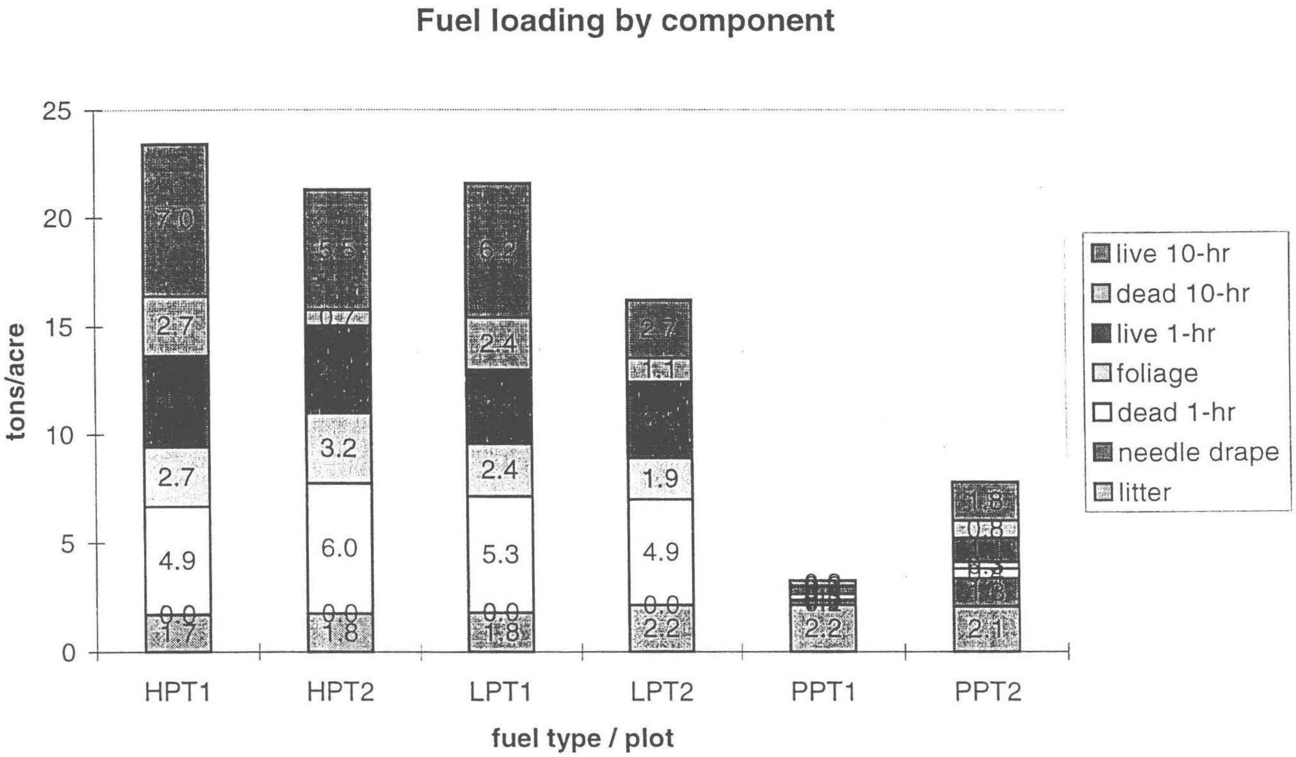
Surface microtopography and live fuel moisture

The role of SEM in the investigations of microtopography and live fuel moisture sampling was limited to providing field and laboratory assistance to the Fire Lab. The results of those investigations have been documented by Fire Lab personnel in reports to the Air Force.

Comparison of pocosin and pond pine woodland fuel complexes at Dare County Bombing Range

A common perception is that the pond pine fuel complex is simply a high pocosin with a pond pine overstory. Such a fuel complex would be extraordinarily flammable. The pine needle litter creates a highly uniform fuelbed capable of supporting fire spread to the shrub (pocosin) layer. The shrub layer then burns and leads to involvement of the pine overstory. This type of fire behavior could take place under even relatively benign weather conditions. From the road, the Bomb Range appears to have many areas with these characteristics. However, conditions are along the roads are much different than those just a few yards into the stand. Because of more available light along roadsides in the pond pine woodland, the fuel complex appears to extend from the surface right through the pine canopy. Both the shrub layer and pine canopy support live fuels throughout the canopy. However, just a few meters into the stand, the heavy pond pine overstory provides enough shade to keep the understory shrub layer in check.

While there are some off-roadway areas on the Bombing Range with continuous fuel from the surface through the canopy, most of the area covered by mature pone pine does not have a continuous shrub layer to create a reliable ladder to the canopy. In those areas, surface fire spread is dominated by either the pine needle litter (fuel model 9) or by a sparse shrub layer (often modeled by fuel model 7, southern rough). We measured the understory shrub layer in the Waterfield and Ash blocks of the Bombing Range in order to contrast them with the shrub fuels in low and high pocosin. These blocks are characterized by an open understory represented by fuel model 9. Shrub fuel load in the pond pine woodland is only a fraction of the load in either the low or high pocosin. Shrub fuel height in PPW is about equal to the high pocosin, therefore the bulk density is much lower in the PPW than the high pocosin. However, sheltering of the shrub fuels from the wind leads to relatively low potential spread rates – only under extreme conditions will the critical mass-flow rate be met in the understory shrub fuels.



Discussion

The pocosin and pond pine woodland vegetation types found at the Dare County Bombing Range, North Carolina, are unique. Though pocosin fuels are similar to chaparral from the western United States, there are important differences that make pocosin fuels particularly difficult to manage. While fuel load and depth are comparable to chaparral, pocosin fuels tend to be quite fine, and have a high proportion of fine dead biomass within the otherwise live canopy. Pocosin fuels are very uniform compared to chaparral – gaps in the shrub canopy are rare and usually small, especially in the high pocosin. For reasons we don't yet understand, pocosin vegetation burns under much more mild conditions than does chaparral. Intense fires can occur in low and high pocosin vegetation with dead fuel moistures as high as 15-20%, whereas chaparral barely burns at those moistures. Chaparral must be well below 10% dead fuel moisture content to burn well. Significant fires in chaparral occur during foehn wind events – hot, dry winds from the east. Significant pocosin fires, such as the 1971 Bomb Range fire, are associated with cold front passage -- strong winds before the cold front, though not hot or dry, are enough to push pocosin and pond pine woodland fires at great speeds.

Much of the vegetation in pocosin and pond pine woodland communities occurs along a gradient. Low pocosin grades into high pocosin. With increasing coverage of pond pine, high pocosin grades into "tall pocosin", then into pond pine woodland. Despite this continuous gradient, there is a distinct break in the gradient in terms of fuel type. This break occurs between the "tall pocosin" and pond pine woodland, where the shrub layer is discontinuous due to shading from the pond pine overstory.

Below the break point, in the pocosin vegetation, the shrub layer is continuous and very active fire behavior (high spread rate and moderate-to-high intensity) is very common. In fact, fires either spread actively or not at all – underburning in pocosin appears to be the exception. Even in moderate prescribed fire conditions, fire behavior will be intense.

Above the break point, in pond pine types, two different types of fire behavior are possible. Under moderate conditions or on the flanks of a fire, the needle litter will be the main carrier of fire. Shrubs may burn passively or not at all. Where concentrations of shrubs are high, intensity may be high enough to cause isolated torching of overstory pond pine. Continuous crowning is unlikely to occur under moderate conditions in pond pine vegetation. These fires can be contained with mechanical equipment.

However, when burning conditions are drier and windier, active crowning is possible in pond pine vegetation – very high spread rate and fireline intensity will preclude control by any means. This type of fire behavior can be mitigated by management of pond pine stands to maintain a more open understory, either through mechanical cutting or periodic prescribed burning.

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Appendix A

Fuel sampling data from Dare County Bombing Range

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPB	1	0.5	0	dead	litter	0.03	238.83	4.78	2.13	0.478	19.106	1.193
CNF	LPB	1	1	1	live	foliage	0.50	91.9	0.92	0.41	0.092	0.184	0.011
CNF	LPB	1	1	1	live	1	0.50	161.22	1.61	0.72	0.161	0.322	0.020
CNF	LPB	1	1	1	live	10	0.50	8.47	0.08	0.04	0.008	0.017	0.001
CNF	LPB	1	1	1	dead	drape	0.50	25.01	0.25	0.11	0.025	0.050	0.003
CNF	LPB	1	1	1	dead	1	0.50	61.68	0.62	0.28	0.062	0.123	0.008
CNF	LPB	1	1	1	dead	10	0.50	28.25	0.28	0.13	0.028	0.057	0.004
CNF	LPB	1	1	2	live	foliage	0.35	34.13	0.34	0.15	0.034	0.098	0.006
CNF	LPB	1	1	2	live	1	0.35	9.38	0.09	0.04	0.009	0.027	0.002
CNF	LPB	1	1	2	live	10	0.35						
CNF	LPB	1	1	2	dead	drape	0.35						
CNF	LPB	1	1	2	dead	1	0.35	9	0.09	0.04	0.009	0.026	0.002
CNF	LPB	1	1	2	dead	10	0.35						
CNF	LPB	1	1	3	live	foliage	0.00						
CNF	LPB	1	1	3	live	1	0.00						
CNF	LPB	1	1	3	live	10	0.00						
CNF	LPB	1	1	3	dead	drape	0.00						
CNF	LPB	1	1	3	dead	1	0.00						
CNF	LPB	1	1	3	dead	10	0.00						
CNF	LPB	1	1	4	live	foliage	0.00						
CNF	LPB	1	1	4	live	1	0.00						
CNF	LPB	1	1	4	live	10	0.00						
CNF	LPB	1	1	4	dead	drape	0.00						
CNF	LPB	1	1	4	dead	1	0.00						
CNF	LPB	1	1	4	dead	10	0.00						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
ite	Veg type	Plot	plot size	Layer	live/dead	component	layer dept	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPB	2	0.5	0	dead	litter	0.06	357.19	7.14	3.19	0.714	12.700	0.793
CNF	LPB	2	1	1	live	foliage	0.50	79.75	0.80	0.36	0.080	0.160	0.010
CNF	LPB	2	1	1	live	1	0.50	332.73	3.33	1.48	0.333	0.665	0.042
CNF	LPB	2	1	1	live	10	0.50						
CNF	LPB	2	1	1	dead	drape	0.50	7.81	0.08	0.03	0.008	0.016	0.001
CNF	LPB	2	1	1	dead	1	0.50	114.88	1.15	0.51	0.115	0.230	0.014
CNF	LPB	2	1	1	dead	10	0.50	132.6	1.33	0.59	0.133	0.265	0.017
CNF	LPB	2	1	2	live	foliage	0.50	1.91	0.02	0.01	0.002	0.004	0.000
CNF	LPB	2	1	2	live	1	0.50	93.92	0.94	0.42	0.094	0.188	0.012
CNF	LPB	2	1	2	live	10	0.50						
CNF	LPB	2	1	2	dead	drape	0.50						
CNF	LPB	2	1	2	dead	1	0.50	4.03	0.04	0.02	0.004	0.008	0.001
CNF	LPB	2	1	2	dead	10	0.50						
CNF	LPB	2	1	3	live	foliage	0.00						
CNF	LPB	2	1	3	live	1	0.00						
CNF	LPB	2	1	3	live	10	0.00						
CNF	LPB	2	1	3	dead	drape	0.00						
CNF	LPB	2	1	3	dead	1	0.00						
CNF	LPB	2	1	3	dead	10	0.00						
CNF	LPB	2	1	4	live	foliage	0.00						
CNF	LPB	2	1	4	live	1	0.00						
CNF	LPB	2	1	4	live	10	0.00						
CNF	LPB	2	1	4	dead	drape	0.00						
NF	LPB	2	1	4	dead	1	0.00						
CNF	LPB	2	1	4	dead	10	0.00						

			(m2)				(m)	net	loading			bulk density	
ite	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPB	3	0.5	0	dead	litter	0.05	169.19	3.38	1.51	0.338	6.853	0.428
CNF	LPB	3	1	1	live	foliage	0.50	192.62	1.93	0.86	0.193	0.385	0.024
CNF	LPB	3	1	1	live	1	0.50	211.76	2.12	0.94	0.212	0.424	0.026
CNF	LPB	3	1	1	live	10	0.50						
CNF	LPB	3	1	1	dead	drape	0.50						
CNF	LPB	3	1	1	dead	1	0.50	29.24	0.29	0.13	0.029	0.058	0.004
CNF	LPB	3	1	1	dead	10	0.50						
CNF	LPB	3	1	2	live	foliage	0.00						
CNF	LPB	3	1	2	live	1	0.00						
CNF	LPB	3	1	2	live	10	0.00						
CNF	LPB	3	1	2	dead	drape	0.00						
CNF	LPB	3	1	2	dead	1	0.00						
CNF	LPB	3	1	2	dead	10	0.00						
CNF	LPB	3	1	3	live	foliage	0.00						
CNF	LPB	3	1	3	live	1	0.00						
CNF	LPB	3	1	3	live	10	0.00						
CNF	LPB	3	1	3	dead	drape	0.00						
CNF	LPB	3	1	3	dead	1	0.00						
CNF	LPB	3	1	3	dead	10	0.00						
CNF	LPB	3	1	4	live	foliage	0.00						
CNF	LPB	3	1	4	live	1	0.00						
CNF	LPB	3	1	4	live	10	0.00						
CNF	LPB	3	1	4	dead	drape	0.00						
CNF	LPB	3	1	4	dead	1	0.00						
CNF	LPB	3	1	4	dead	10	0.00						

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPB	4	0.5	0	dead	litter	0.03	228.48	4.57	2.04	0.457	14.336	0.895
CNF	LPB	4	1	1	live	foliage	0.50	299.57	3.00	1.34	0.300	0.599	0.037
CNF	LPB	4	1	1	live	1	0.50	342.58	3.43	1.53	0.343	0.685	0.043
CNF	LPB	4	1	1	live	10	0.50	6.86	0.07	0.03	0.007	0.014	0.001
CNF	LPB	4	1	1	dead	drape	0.50						
CNF	LPB	4	1	1	dead	1	0.50	87.31	0.87	0.39	0.087	0.175	0.011
CNF	LPB	4	1	1	dead	10	0.50	19.84	0.20	0.09	0.020	0.040	0.002
CNF	LPB	4	1	2	live	foliage	0.30	136.09	1.36	0.61	0.136	0.454	0.028
CNF	LPB	4	1	2	live	1	0.30	62.42	0.62	0.28	0.062	0.208	0.013
CNF	LPB	4	1	2	live	10	0.30						
CNF	LPB	4	1	2	dead	drape	0.30						
CNF	LPB	4	1	2	dead	1	0.30	8.06	0.08	0.04	0.008	0.027	0.002
CNF	LPB	4	1	2	dead	10	0.30						
CNF	LPB	4	1	3	live	foliage	0.00						
CNF	LPB	4	1	3	live	1	0.00						
CNF	LPB	4	1	3	live	10	0.00						
CNF	LPB	4	1	3	dead	drape	0.00						
CNF	LPB	4	1	3	dead	1	0.00						
CNF	LPB	4	1	3	dead	10	0.00						
CNF	LPB	4	1	4	live	foliage	0.00						
CNF	LPB	4	1	4	live	1	0.00						
CNF	LPB	4	1	4	live	10	0.00						
CNF	LPB	4	1	4	dead	drape	0.00						
CNF	LPB	4	1	4	dead	1	0.00						
CNF	LPB	4	1	4	dead	10	0.00						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPB	5	0.5	0	dead	litter	0.04	229.78	4.60	2.05	0.460	11.489	0.718
CNF	LPB	5	1	1	live	foliage	0.50	98.06	0.98	0.44	0.098	0.196	0.012
CNF	LPB	5	1	1	live	1	0.50	199.33	1.99	0.89	0.199	0.399	0.025
CNF	LPB	5	1	1	live	10	0.50						
CNF	LPB	5	1	1	dead	drape	0.50						
CNF	LPB	5	1	1	dead	1	0.50	100	1.00	0.45	0.100	0.200	0.012
CNF	LPB	5	1	1	dead	10	0.50	45.53	0.46	0.20	0.046	0.091	0.006
CNF	LPB	5	1	2	live	foliage	0.35						
CNF	LPB	5	1	2	live	1	0.35	42.01	0.42	0.19	0.042	0.120	0.007
CNF	LPB	5	1	2	live	10	0.35						
CNF	LPB	5	1	2	dead	drape	0.35						
CNF	LPB	5	1	2	dead	1	0.35	7.69	0.08	0.03	0.008	0.022	0.001
CNF	LPB	5	1	2	dead	10	0.35						
CNF	LPB	5	1	3	live	foliage	0.00						
CNF	LPB	5	1	3	live	1	0.00						
CNF	LPB	5	1	3	live	10	0.00						
CNF	LPB	5	1	3	dead	drape	0.00						
CNF	LPB	5	1	3	dead	1	0.00						
CNF	LPB	5	1	3	dead	10	0.00						
CNF	LPB	5	1	4	live	foliage	0.00						
CNF	LPB	5	1	4	live	1	0.00						
CNF	LPB	5	1	4	live	10	0.00						
CNF	LPB	5	1	4	dead	drape	0.00						
CNF	LPB	5	1	4	dead	1	0.00						
CNF	LPB	5	1	4	dead	10	0.00						

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPB	6	0.5	0	dead	litter	0.07	252.84	5.06	2.26	0.506	7.492	0.468
CNF	LPB	6	1	1	live	foliage	0.50	72.66	0.73	0.32	0.073	0.145	0.009
CNF	LPB	6	1	1	live	1	0.50	244.07	2.44	1.09	0.244	0.488	0.030
CNF	LPB	6	1	1	live	10	0.50	24.6	0.25	0.11	0.025	0.049	0.003
CNF	LPB	6	1	1	dead	drape	0.50						
CNF	LPB	6	1	1	dead	1	0.50	49.07	0.49	0.22	0.049	0.098	0.006
CNF	LPB	6	1	1	dead	10	0.50	64.91	0.65	0.29	0.065	0.130	0.008
CNF	LPB	6	1	2	live	foliage	0.43	3.78	0.04	0.02	0.004	0.009	0.001
CNF	LPB	6	1	2	live	1	0.43	46.37	0.46	0.21	0.046	0.108	0.007
CNF	LPB	6	1	2	live	10	0.43						
CNF	LPB	6	1	2	dead	drape	0.43						
CNF	LPB	6	1	2	dead	1	0.43	17.09	0.17	0.08	0.017	0.040	0.002
CNF	LPB	6	1	2	dead	10	0.43	36.37	0.36	0.16	0.036	0.085	0.005
CNF	LPB	6	1	3	live	foliage	0.00						
CNF	LPB	6	1	3	live	1	0.00						
CNF	LPB	6	1	3	live	10	0.00						
CNF	LPB	6	1	3	dead	drape	0.00						
CNF	LPB	6	1	3	dead	1	0.00						
CNF	LPB	6	1	3	dead	10	0.00						
CNF	LPB	6	1	4	live	foliage	0.00						
CNF	LPB	6	1	4	live	1	0.00						
CNF	LPB	6	1	4	live	10	0.00						
CNF	LPB	6	1	4	dead	drape	0.00						
CNF	LPB	6	1	4	dead	1	0.00						
CNF	LPB	6	1	4	dead	10	0.00						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
ite	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPB	7	0.5	0	dead	litter	0.06	245.29	4.91	2.19	0.491	8.532	0.533
CNF	LPB	7	1	1	live	foliage	0.50	184.54	1.85	0.82	0.185	0.369	0.023
CNF	LPB	7	1	1	live	1	0.50	310.05	3.10	1.38	0.310	0.620	0.039
CNF	LPB	7	1	1	live	10	0.50						
CNF	LPB	7	1	1	dead	drape	0.50	1.3	0.01	0.01	0.001	0.003	0.000
CNF	LPB	7	1	1	dead	1	0.50	72.78	0.73	0.32	0.073	0.146	0.009
CNF	LPB	7	1	1	dead	10	0.50	44.99	0.45	0.20	0.045	0.090	0.006
CNF	LPB	7	1	2	live	foliage	0.35	6.89	0.07	0.03	0.007	0.020	0.001
CNF	LPB	7	1	2	live	1	0.35	24.59	0.25	0.11	0.025	0.070	0.004
CNF	LPB	7	1	2	live	10	0.35						
CNF	LPB	7	1	2	dead	drape	0.35						
CNF	LPB	7	1	2	dead	1	0.35	1.16	0.01	0.01	0.001	0.003	0.000
CNF	LPB	7	1	2	dead	10	0.35						
CNF	LPB	7	1	3	live	foliage	0.00						
CNF	LPB	7	1	3	live	1	0.00						
CNF	LPB	7	1	3	live	10	0.00						
CNF	LPB	7	1	3	dead	drape	0.00						
CNF	LPB	7	1	3	dead	1	0.00						
CNF	LPB	7	1	3	dead	10	0.00						
CNF	LPB	7	1	4	live	foliage	0.00						
CNF	LPB	7	1	4	live	1	0.00						
CNF	LPB	7	1	4	live	10	0.00						
CNF	LPB	7	1	4	dead	drape	0.00						
NF	LPB	7	1	4	dead	1	0.00						
CNF	LPB	7	1	4	dead	10	0.00						

			(m2)				(m)	net	loading			bulk density	
ite	Veg type	Plot	plot size	Layer	live/dead	component	ayer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPB	8	0.5	0	dead	litter	0.06	160.13	3.20	1.43	0.320	5.510	0.344
CNF	LPB	8	1	1	live	foliage	0.50	241.14	2.41	1.08	0.241	0.482	0.030
CNF	LPB	8	1	1	live	1	0.50	239.32	2.39	1.07	0.239	0.479	0.030
CNF	LPB	8	1	1	live	10	0.50	14	0.14	0.06	0.014	0.028	0.002
CNF	LPB	8	1	1	dead	drape	0.50	36.16	0.36	0.16	0.036	0.072	0.005
CNF	LPB	8	1	1	dead	1	0.50	83.93	0.84	0.37	0.084	0.168	0.010
CNF	LPB	8	1	1	dead	10	0.50	242.94	2.43	1.08	0.243	0.486	0.030
CNF	LPB	8	1	2	live	foliage	0.50	94.87	0.95	0.42	0.095	0.190	0.012
CNF	LPB	8	1	2	live	1	0.50	40.24	0.40	0.18	0.040	0.080	0.005
CNF	LPB	8	1	2	live	10	0.50	7.36	0.07	0.03	0.007	0.015	0.001
CNF	LPB	8	1	2	dead	drape	0.50						
CNF	LPB	8	1	2	dead	1	0.50	33.07	0.33	0.15	0.033	0.066	0.004
CNF	LPB	8	1	2	dead	10	0.50	47.72	0.48	0.21	0.048	0.095	0.006
CNF	LPB	8	1	3	live	foliage	0.20	4.35	0.04	0.02	0.004	0.022	0.001
CNF	LPB	8	1	3	live	1	0.20	45	0.45	0.20	0.045	0.225	0.014
CNF	LPB	8	1	3	live	10	0.20						
CNF	LPB	8	1	3	dead	drape	0.20						
CNF	LPB	8	1	3	dead	1	0.20						
CNF	LPB	8	1	3	dead	10	0.20						
CNF	LPB	8	1	4	live	foliage	0.00						
CNF	LPB	8	1	4	live	1	0.00						
CNF	LPB	8	1	4	live	10	0.00						
CNF	LPB	8	1	4	dead	drape	0.00						
NF	LPB	8	1	4	dead	1	0.00						
CNF	LPB	8	1	4	dead	10	0.00						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	componen	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPB	9	0.5	0	dead	litter	0.04	299.7	5.99	2.67	0.599	14.985	0.936
CNF	LPB	9	1	1	live	foliage	0.50	162.11	1.62	0.72	0.162	0.324	0.020
CNF	LPB	9	1	1	live	1	0.50	381.12	3.81	1.70	0.381	0.762	0.048
CNF	LPB	9	1	1	live	10	0.50	30.63	0.31	0.14	0.031	0.061	0.004
CNF	LPB	9	1	1	dead	drape	0.50	1.28	0.01	0.01	0.001	0.003	0.000
CNF	LPB	9	1	1	dead	1	0.50	272.92	2.73	1.22	0.273	0.546	0.034
CNF	LPB	9	1	1	dead	10	0.50	222.47	2.22	0.99	0.222	0.445	0.028
CNF	LPB	9	1	2	live	foliage	0.30	2.66	0.03	0.01	0.003	0.009	0.001
CNF	LPB	9	1	2	live	1	0.30	62.53	0.63	0.28	0.063	0.208	0.013
CNF	LPB	9	1	2	live	10	0.30						
CNF	LPB	9	1	2	dead	drape	0.30						
CNF	LPB	9	1	2	dead	1	0.30	35.86	0.36	0.16	0.036	0.120	0.007
CNF	LPB	9	1	2	dead	10	0.30						
CNF	LPB	9	1	3	live	foliage	0.00						
CNF	LPB	9	1	3	live	1	0.00						
CNF	LPB	9	1	3	live	10	0.00						
CNF	LPB	9	1	3	dead	drape	0.00						
CNF	LPB	9	1	3	dead	1	0.00						
CNF	LPB	9	1	3	dead	10	0.00						
CNF	LPB	9	1	4	live	foliage	0.00						
CNF	LPB	9	1	4	live	1	0.00						
CNF	LPB	9	1	4	live	10	0.00						
CNF	LPB	9	1	4	dead	drape	0.00						
CNF	LPB	9	1	4	dead	1	0.00						
CNF	LPB	9	1	4	dead	10	0.00						

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPB	10	0.5	0	dead	litter	0.07	226.37	4.53	2.02	0.453	6.410	0.400
CNF	LPB	10	1	1	live	foliage	0.50	255.68	2.56	1.14	0.256	0.511	0.032
CNF	LPB	10	1	1	live	1	0.50	284.41	2.84	1.27	0.284	0.569	0.036
CNF	LPB	10	1	1	live	10	0.50						
CNF	LPB	10	1	1	dead	drape	0.50	2.51	0.03	0.01	0.003	0.005	0.000
CNF	LPB	10	1	1	dead	1	0.50	372.7	3.73	1.66	0.373	0.745	0.047
CNF	LPB	10	1	1	dead	10	0.50	91.87	0.92	0.41	0.092	0.184	0.011
CNF	LPB	10	1	2	live	foliage	0.50	72.27	0.72	0.32	0.072	0.145	0.009
CNF	LPB	10	1	2	live	1	0.50	59.01	0.59	0.26	0.059	0.118	0.007
CNF	LPB	10	1	2	live	10	0.50						
CNF	LPB	10	1	2	dead	drape	0.50						
CNF	LPB	10	1	2	dead	1	0.50	59.33	0.59	0.26	0.059	0.119	0.007
CNF	LPB	10	1	2	dead	10	0.50	14.98	0.15	0.07	0.015	0.030	0.002
CNF	LPB	10	1	3	live	foliage	0.00						
CNF	LPB	10	1	3	live	1	0.00						
CNF	LPB	10	1	3	live	10	0.00						
CNF	LPB	10	1	3	dead	drape	0.00						
CNF	LPB	10	1	3	dead	1	0.00						
CNF	LPB	10	1	3	dead	10	0.00						
CNF	LPB	10	1	4	live	foliage	0.00						
CNF	LPB	10	1	4	live	1	0.00						
CNF	LPB	10	1	4	live	10	0.00						
CNF	LPB	10	1	4	dead	drape	0.00						
CNF	LPB	10	1	4	dead	1	0.00						
CNF	LPB	10	1	4	dead	10	0.00						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPU	1	0.5	0	dead	litter	0.02	430.23	8.60	3.84	0.860	39.335	2.457
CNF	LPU	1	1	1	live	foliage	0.50	102.1	1.02	0.46	0.102	0.204	0.013
CNF	LPU	1	1	1	live	1	0.50	318.75	3.19	1.42	0.319	0.638	0.040
CNF	LPU	1	1	1	live	10	0.50	122.95	1.23	0.55	0.123	0.246	0.015
CNF	LPU	1	1	1	dead	drape	0.50						
CNF	LPU	1	1	1	dead	1	0.50	216.17	2.16	0.96	0.216	0.432	0.027
CNF	LPU	1	1	1	dead	10	0.50	82.82	0.83	0.37	0.083	0.166	0.010
CNF	LPU	1	1	2	live	foliage	0.50	126.74	1.27	0.57	0.127	0.253	0.016
CNF	LPU	1	1	2	live	1	0.50	182.88	1.83	0.82	0.183	0.366	0.023
CNF	LPU	1	1	2	live	10	0.50	8.59	0.09	0.04	0.009	0.017	0.001
CNF	LPU	1	1	2	dead	drape	0.50						
CNF	LPU	1	1	2	dead	1	0.50	75.74	0.76	0.34	0.076	0.151	0.009
CNF	LPU	1	1	2	dead	10	0.50	4.35	0.04	0.02	0.004	0.009	0.001
CNF	LPU	1	1	3	live	foliage	0.10	0.39	0.00	0.00	0.000	0.004	0.000
CNF	LPU	1	1	3	live	1	0.10	4.35	0.04	0.02	0.004	0.044	0.003
CNF	LPU	1	1	3	live	10	0.10						
CNF	LPU	1	1	3	dead	drape	0.10						
CNF	LPU	1	1	3	dead	1	0.10						
CNF	LPU	1	1	3	dead	10	0.10						
CNF	LPU	1	1	4	live	foliage	0.00						
CNF	LPU	1	1	4	live	1	0.00						
CNF	LPU	1	1	4	live	10	0.00						
CNF	LPU	1	1	4	dead	drape	0.00						
CNF	LPU	1	1	4	dead	1	0.00						
CNF	LPU	1	1	4	dead	10	0.00						

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPU	2	0.5	0	dead	litter	0.04	285.34	5.71	2.55	0.571	15.218	0.95
CNF	LPU	2	1	1	live	foliage	0.50	83.75	0.84	0.37	0.084	0.168	0.010
CNF	LPU	2	1	1	live	1	0.50	466.81	4.67	2.08	0.467	0.934	0.058
CNF	LPU	2	1	1	live	10	0.50	210.37	2.10	0.94	0.210	0.421	0.026
CNF	LPU	2	1	1	dead	drape	0.50	0.92	0.01	0.00	0.001	0.002	0.000
CNF	LPU	2	1	1	dead	1	0.50	214.1	2.14	0.95	0.214	0.428	0.027
CNF	LPU	2	1	1	dead	10	0.50	23.94	0.24	0.11	0.024	0.048	0.003
CNF	LPU	2	1	2	live	foliage	0.50	73.47	0.73	0.33	0.073	0.147	0.009
CNF	LPU	2	1	2	live	1	0.50	274.05	2.74	1.22	0.274	0.548	0.034
CNF	LPU	2	1	2	live	10	0.50	126.48	1.26	0.56	0.126	0.253	0.016
CNF	LPU	2	1	2	dead	drape	0.50						
CNF	LPU	2	1	2	dead	1	0.50	68.19	0.68	0.30	0.068	0.136	0.009
CNF	LPU	2	1	2	dead	10	0.50	8.29	0.08	0.04	0.008	0.017	0.001
CNF	LPU	2	1	3	live	foliage	0.45	-0.18	0.00	0.00	0.000	0.000	0.000
CNF	LPU	2	1	3	live	1	0.45	34.82	0.35	0.16	0.035	0.077	0.005
CNF	LPU	2	1	3	live	10	0.45						
CNF	LPU	2	1	3	dead	drape	0.45						
CNF	LPU	2	1	3	dead	1	0.45						
CNF	LPU	2	1	3	dead	10	0.45						
CNF	LPU	2	1	4	live	foliage	0.00						
CNF	LPU	2	1	4	live	1	0.00						
CNF	LPU	2	1	4	live	10	0.00						
CNF	LPU	2	1	4	dead	drape	0.00						
CNF	LPU	2	1	4	dead	1	0.00						
CNF	LPU	2	1	4	dead	10	0.00						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
e	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
NF	LPU	3	0.5	0	dead	litter	0.02	448.83	8.98	4.00	0.898	53.195	3.322
CNF	LPU	3	1	1	live	foliage	0.50	140.46	1.40	0.63	0.140	0.281	0.018
CNF	LPU	3	1	1	live	1	0.50	330.47	3.30	1.47	0.330	0.661	0.041
CNF	LPU	3	1	1	live	10	0.50	209.49	2.09	0.93	0.209	0.419	0.026
CNF	LPU	3	1	1	dead	drape	0.50	8.6	0.09	0.04	0.009	0.017	0.001
CNF	LPU	3	1	1	dead	1	0.50	242.05	2.42	1.08	0.242	0.484	0.030
CNF	LPU	3	1	1	dead	10	0.50	184.29	1.84	0.82	0.184	0.369	0.023
CNF	LPU	3	1	2	live	foliage	0.50	227.63	2.28	1.02	0.228	0.455	0.028
CNF	LPU	3	1	2	live	1	0.50	206.84	2.07	0.92	0.207	0.414	0.026
CNF	LPU	3	1	2	live	10	0.50	79.44	0.79	0.35	0.079	0.159	0.010
CNF	LPU	3	1	2	dead	drape	0.50	3.03	0.03	0.01	0.003	0.006	0.000
CNF	LPU	3	1	2	dead	1	0.50	58.19	0.58	0.26	0.058	0.116	0.007
CNF	LPU	3	1	2	dead	10	0.50	24.08	0.24	0.11	0.024	0.048	0.003
CNF	LPU	3	1	3	live	foliage	0.35	67.16	0.67	0.30	0.067	0.192	0.012
CNF	LPU	3	1	3	live	1	0.35	16.83	0.17	0.08	0.017	0.048	0.003
CNF	LPU	3	1	3	live	10	0.35						
CNF	LPU	3	1	3	dead	drape	0.35						
CNF	LPU	3	1	3	dead	1	0.35						
CNF	LPU	3	1	3	dead	10	0.35						
CNF	LPU	3	1	4	live	foliage	0.00						
CNF	LPU	3	1	4	live	1	0.00						
CNF	LPU	3	1	4	live	10	0.00						
CNF	LPU	3	1	4	dead	drape	0.00						
NF	LPU	3	1	4	dead	1	0.00						
NF	LPU	3	1	4	dead	10	0.00						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
ite	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPU	4	0.5	0	dead	litter	0.03	271.83	5.44	2.42	0.544	19.769	1.235
CNF	LPU	4	1	1	live	foliage	0.50	61.91	0.62	0.28	0.062	0.124	0.008
CNF	LPU	4	1	1	live	1	0.50	348.58	3.49	1.55	0.349	0.697	0.044
CNF	LPU	4	1	1	live	10	0.50	42.7	0.43	0.19	0.043	0.085	0.005
CNF	LPU	4	1	1	dead	drape	0.50	28.1	0.28	0.13	0.028	0.056	0.004
CNF	LPU	4	1	1	dead	1	0.50	243.24	2.43	1.08	0.243	0.486	0.030
CNF	LPU	4	1	1	dead	10	0.50						
CNF	LPU	4	1	2	live	foliage	0.50	81.41	0.81	0.36	0.081	0.163	0.010
CNF	LPU	4	1	2	live	1	0.50	143.16	1.43	0.64	0.143	0.286	0.018
CNF	LPU	4	1	2	live	10	0.50	12.87	0.13	0.06	0.013	0.026	0.002
CNF	LPU	4	1	2	dead	drape	0.50	3.19	0.03	0.01	0.003	0.006	0.000
CNF	LPU	4	1	2	dead	1	0.50	56.75	0.57	0.25	0.057	0.114	0.007
CNF	LPU	4	1	2	dead	10	0.50	34.11	0.34	0.15	0.034	0.068	0.004
CNF	LPU	4	1	3	live	foliage	0.10	-0.31	0.00	0.00	0.000	-0.003	0.000
CNF	LPU	4	1	3	live	1	0.10	21.46	0.21	0.10	0.021	0.215	0.013
CNF	LPU	4	1	3	live	10	0.10						
CNF	LPU	4	1	3	dead	drape	0.10						
CNF	LPU	4	1	3	dead	1	0.10						
CNF	LPU	4	1	3	dead	10	0.10						
CNF	LPU	4	1	4	live	foliage	0.00						
CNF	LPU	4	1	4	live	1	0.00						
CNF	LPU	4	1	4	live	10	0.00						
CNF	LPU	4	1	4	dead	drape	0.00						
NF	LPU	4	1	4	dead	1	0.00						
CNF	LPU	4	1	4	dead	10	0.00						

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPU	5	0.5	0	dead	litter	0.02						
CNF	LPU	5	1	1	live	foliage	0.50	291.46	2.91	1.30	0.291	0.583	0.036
CNF	LPU	5	1	1	live	1	0.50	179.63	1.80	0.80	0.180	0.359	0.022
CNF	LPU	5	1	1	live	10	0.50	452.3	4.52	2.02	0.452	0.905	0.056
CNF	LPU	5	1	1	dead	drape	0.50						
CNF	LPU	5	1	1	dead	1	0.50	9.6	0.10	0.04	0.010	0.019	0.001
CNF	LPU	5	1	1	dead	10	0.50	247.34	2.47	1.10	0.247	0.495	0.031
CNF	LPU	5	1	2	live	foliage	0.40	12.27	0.12	0.05	0.012	0.031	0.002
CNF	LPU	5	1	2	live	1	0.40	35.02	0.35	0.16	0.035	0.088	0.005
CNF	LPU	5	1	2	live	10	0.40	88.23	0.88	0.39	0.088	0.221	0.014
CNF	LPU	5	1	2	dead	drape	0.40						
CNF	LPU	5	1	2	dead	1	0.40						
CNF	LPU	5	1	2	dead	10	0.40	18.51	0.19	0.08	0.019	0.046	0.003
CNF	LPU	5	1	3	live	foliage	0.00						
CNF	LPU	5	1	3	live	1	0.00						
CNF	LPU	5	1	3	live	10	0.00						
CNF	LPU	5	1	3	dead	drape	0.00						
CNF	LPU	5	1	3	dead	1	0.00						
CNF	LPU	5	1	3	dead	10	0.00						
CNF	LPU	5	1	4	live	foliage	0.00						
CNF	LPU	5	1	4	live	1	0.00						
CNF	LPU	5	1	4	live	10	0.00						
CNF	LPU	5	1	4	dead	drape	0.00						
CNF	LPU	5	1	4	dead	1	0.00						
CNF	LPU	5	1	4	dead	10	0.00						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPU	6	0.5	0	dead	litter	0.02	368.43	7.37	3.29	0.737	33.685	2.104
CNF	LPU	6	1	1	live	foliage	0.50	99.46	0.99	0.44	0.099	0.199	0.012
CNF	LPU	6	1	1	live	1	0.50	383.98	3.84	1.71	0.384	0.768	0.048
CNF	LPU	6	1	1	live	10	0.50	87.61	0.88	0.39	0.088	0.175	0.011
CNF	LPU	6	1	1	dead	drape	0.50	4.32	0.04	0.02	0.004	0.009	0.001
CNF	LPU	6	1	1	dead	1	0.50	347.69	3.48	1.55	0.348	0.695	0.043
CNF	LPU	6	1	1	dead	10	0.50	36.4	0.36	0.16	0.036	0.073	0.005
CNF	LPU	6	1	2	live	foliage	0.50	90.52	0.91	0.40	0.091	0.181	0.011
CNF	LPU	6	1	2	live	1	0.50	132.39	1.32	0.59	0.132	0.265	0.017
CNF	LPU	6	1	2	live	10	0.50						
CNF	LPU	6	1	2	dead	drape	0.50	0.5	0.01	0.00	0.001	0.001	0.000
CNF	LPU	6	1	2	dead	1	0.50	104.03	1.04	0.46	0.104	0.208	0.013
CNF	LPU	6	1	2	dead	10	0.50						
CNF	LPU	6	1	3	live	foliage	0.15						
CNF	LPU	6	1	3	live	1	0.15	1.21	0.01	0.01	0.001	0.008	0.001
CNF	LPU	6	1	3	live	10	0.15						
CNF	LPU	6	1	3	dead	drape	0.15						
CNF	LPU	6	1	3	dead	1	0.15	2.76	0.03	0.01	0.003	0.018	0.001
CNF	LPU	6	1	3	dead	10	0.15						
CNF	LPU	6	1	4	live	foliage	0.00						
CNF	LPU	6	1	4	live	1	0.00						
CNF	LPU	6	1	4	live	10	0.00						
CNF	LPU	6	1	4	dead	drape	0.00						
CNF	LPU	6	1	4	dead	1	0.00						
CNF	LPU	6	1	4	dead	10	0.00						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	componen	layer dept	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPU	7	0.5	0	dead	litter	0.02	380.09	7.60	3.39	0.760	31.187	1.948
CNF	LPU	7	1	1	live	foliage	0.50	109.98	1.10	0.49	0.110	0.220	0.014
CNF	LPU	7	1	1	live	1	0.50	283.27	2.83	1.26	0.283	0.567	0.035
CNF	LPU	7	1	1	live	10	0.50	169.74	1.70	0.76	0.170	0.339	0.021
CNF	LPU	7	1	1	dead	drape	0.50	1.94	0.02	0.01	0.002	0.004	0.000
CNF	LPU	7	1	1	dead	1	0.50	85.32	0.85	0.38	0.085	0.171	0.011
CNF	LPU	7	1	1	dead	10	0.50	64.27	0.64	0.29	0.064	0.129	0.008
CNF	LPU	7	1	2	live	foliage	0.50	55.47	0.55	0.25	0.055	0.111	0.007
CNF	LPU	7	1	2	live	1	0.50	94.94	0.95	0.42	0.095	0.190	0.012
CNF	LPU	7	1	2	live	10	0.50	59.25	0.59	0.26	0.059	0.119	0.007
CNF	LPU	7	1	2	dead	drape	0.50	1.59	0.02	0.01	0.002	0.003	0.000
CNF	LPU	7	1	2	dead	1	0.50	12.29	0.12	0.05	0.012	0.025	0.002
CNF	LPU	7	1	2	dead	10	0.50						
CNF	LPU	7	1	3	live	foliage	0.50	36.64	0.37	0.16	0.037	0.073	0.005
CNF	LPU	7	1	3	live	1	0.50	37.12	0.37	0.17	0.037	0.074	0.005
CNF	LPU	7	1	3	live	10	0.50						
CNF	LPU	7	1	3	dead	drape	0.50						
CNF	LPU	7	1	3	dead	1	0.50	-0.02	0.00	0.00	0.000	0.000	0.000
CNF	LPU	7	1	3	dead	10	0.50						
CNF	LPU	7	1	4	live	foliage	1.30	47.01	0.47	0.21	0.047	0.036	0.002
CNF	LPU	7	1	4	live	1	1.30	49.76	0.50	0.22	0.050	0.038	0.002
CNF	LPU	7	1	4	live	10	1.30	2.09	0.02	0.01	0.002	0.002	0.000
CNF	LPU	7	1	4	dead	drape	1.30						
CNF	LPU	7	1	4	dead	1	1.30	7.41	0.07	0.03	0.007	0.006	0.000
CNF	LPU	7	1	4	dead	10	1.30						

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	componen	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft
CNF	LPU	8	0.5	0	dead	litter	0.02	352.48	7.05	3.14	0.705	34.180	2.135
CNF	LPU	8	1	1	live	foliage	0.50	64.26	0.64	0.29	0.064	0.129	0.008
CNF	LPU	8	1	1	live	1	0.50	262.45	2.62	1.17	0.262	0.525	0.033
CNF	LPU	8	1	1	live	10	0.50	107.69	1.08	0.48	0.108	0.215	0.013
CNF	LPU	8	1	1	dead	drape	0.50	23.57	0.24	0.11	0.024	0.047	0.003
CNF	LPU	8	1	1	dead	1	0.50	124.66	1.25	0.56	0.125	0.249	0.016
CNF	LPU	8	1	1	dead	10	0.50	85.3	0.85	0.38	0.085	0.171	0.011
CNF	LPU	8	1	2	live	foliage	0.46	91.76	0.92	0.41	0.092	0.199	0.012
CNF	LPU	8	1	2	live	1	0.46	113.26	1.13	0.51	0.113	0.246	0.015
CNF	LPU	8	1	2	live	10	0.46	90.57	0.91	0.40	0.091	0.197	0.012
CNF	LPU	8	1	2	dead	drape	0.46	7.64	0.08	0.03	0.008	0.017	0.001
CNF	LPU	8	1	2	dead	1	0.46	96.44	0.96	0.43	0.096	0.210	0.013
CNF	LPU	8	1	2	dead	10	0.46	24.32	0.24	0.11	0.024	0.053	0.003
CNF	LPU	8	1	3	live	foliage	0.00						
CNF	LPU	8	1	3	live	1	0.00						
CNF	LPU	8	1	3	live	10	0.00						
CNF	LPU	8	1	3	dead	drape	0.00						
CNF	LPU	8	1	3	dead	1	0.00						
CNF	LPU	8	1	3	dead	10	0.00						
CNF	LPU	8	1	4	live	foliage	0.00						
CNF	LPU	8	1	4	live	1	0.00						
CNF	LPU	8	1	4	live	10	0.00						
CNF	LPU	8	1	4	dead	drape	0.00						
CNF	LPU	8	1	4	dead	1	0.00						
CNF	LPU	8	1	4	dead	10	0.00						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
ite	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
NF	LPU	9	0.5	0	dead	litter	0.03	197.67	3.95	1.76	0.395	15.061	0.941
CNF	LPU	9	1	1	live	foliage	0.50	84.34	0.84	0.38	0.084	0.169	0.011
CNF	LPU	9	1	1	live	1	0.50	361.34	3.61	1.61	0.361	0.723	0.045
CNF	LPU	9	1	1	live	10	0.50	318.94	3.19	1.42	0.319	0.638	0.040
CNF	LPU	9	1	1	dead	drape	0.50						
CNF	LPU	9	1	1	dead	1	0.50	394.76	3.95	1.76	0.395	0.790	0.049
CNF	LPU	9	1	1	dead	10	0.50	126.1	1.26	0.56	0.126	0.252	0.016
CNF	LPU	9	1	2	live	foliage	0.50	207.88	2.08	0.93	0.208	0.416	0.026
CNF	LPU	9	1	2	live	1	0.50	338.86	3.39	1.51	0.339	0.678	0.042
CNF	LPU	9	1	2	live	10	0.50	102.39	1.02	0.46	0.102	0.205	0.013
CNF	LPU	9	1	2	dead	drape	0.50						
CNF	LPU	9	1	2	dead	1	0.50	285.27	2.85	1.27	0.285	0.571	0.036
CNF	LPU	9	1	2	dead	10	0.50						
CNF	LPU	9	1	3	live	foliage	0.20	14.52	0.15	0.06	0.015	0.073	0.005
CNF	LPU	9	1	3	live	1	0.20	12.83	0.13	0.06	0.013	0.064	0.004
CNF	LPU	9	1	3	live	10	0.20						
CNF	LPU	9	1	3	dead	drape	0.20						
CNF	LPU	9	1	3	dead	1	0.20	3.56	0.04	0.02	0.004	0.018	0.001
CNF	LPU	9	1	3	dead	10	0.20						
CNF	LPU	9	1	4	live	foliage	0.00						
CNF	LPU	9	1	4	live	1	0.00						
CNF	LPU	9	1	4	live	10	0.00						
CNF	LPU	9	1	4	dead	drape	0.00						
NF	LPU	9	1	4	dead	1	0.00						
CNF	LPU	9	1	4	dead	10	0.00						

			(m2)				(m)	net	loading			bulk density	
ite	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPU	10	0.5	0	dead	litter	0.03	331.39	6.63	2.96	0.663	19.638	1.227
CNF	LPU	10	1	1	live	foliage	0.50	49.77	0.50	0.22	0.050	0.100	0.006
CNF	LPU	10	1	1	live	1	0.50	202.61	2.03	0.90	0.203	0.405	0.025
CNF	LPU	10	1	1	live	10	0.50	386.42	3.86	1.72	0.386	0.773	0.048
CNF	LPU	10	1	1	dead	drape	0.50	9.46	0.09	0.04	0.009	0.019	0.001
CNF	LPU	10	1	1	dead	1	0.50	192.13	1.92	0.86	0.192	0.384	0.024
CNF	LPU	10	1	1	dead	10	0.50	169.28	1.69	0.75	0.169	0.339	0.021
CNF	LPU	10	1	2	live	foliage	0.50	123.41	1.23	0.55	0.123	0.247	0.015
CNF	LPU	10	1	2	live	1	0.50	181.37	1.81	0.81	0.181	0.363	0.023
CNF	LPU	10	1	2	live	10	0.50	208.81	2.09	0.93	0.209	0.418	0.026
CNF	LPU	10	1	2	dead	drape	0.50	9.26	0.09	0.04	0.009	0.019	0.001
CNF	LPU	10	1	2	dead	1	0.50	124.31	1.24	0.55	0.124	0.249	0.016
CNF	LPU	10	1	2	dead	10	0.50	10.42	0.10	0.05	0.010	0.021	0.001
CNF	LPU	10	1	3	live	foliage	0.50	147.16	1.47	0.66	0.147	0.294	0.018
CNF	LPU	10	1	3	live	1	0.50	209.65	2.10	0.94	0.210	0.419	0.026
CNF	LPU	10	1	3	live	10	0.50	94.22	0.94	0.42	0.094	0.188	0.012
CNF	LPU	10	1	3	dead	drape	0.50	1.51	0.02	0.01	0.002	0.003	0.000
CNF	LPU	10	1	3	dead	1	0.50	36.21	0.36	0.16	0.036	0.072	0.005
CNF	LPU	10	1	3	dead	10	0.50						
CNF	LPU	10	1	4	live	foliage	0.50	83.67	0.84	0.37	0.084	0.167	0.010
CNF	LPU	10	1	4	live	1	0.50	48.12	0.48	0.21	0.048	0.096	0.006
CNF	LPU	10	1	4	live	10	0.50						
CNF	LPU	10	1	4	dead	drape	0.50	3.09	0.03	0.01	0.003	0.006	0.000
NF	LPU	10	1	4	dead	1	0.50	0.26	0.00	0.00	0.000	0.001	0.000
CNF	LPU	10	1	4	dead	10	0.50						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	componen	layer dept	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPD	1	0.5	0	dead	litter	0.05	347.52	6.95	3.10	0.695	14.077	0.879
CNF	LPD	1	1	1	live	foliage	0.50	41.04	0.41	0.18	0.041	0.082	0.005
CNF	LPD	1	1	1	live	1	0.50	499.9	5.00	2.23	0.500	1.000	0.062
CNF	LPD	1	1	1	live	10	0.50	362.24	3.62	1.62	0.362	0.724	0.045
CNF	LPD	1	1	1	dead	drape	0.50	27.22	0.27	0.12	0.027	0.054	0.003
CNF	LPD	1	1	1	dead	1	0.50	183.01	1.83	0.82	0.183	0.366	0.023
CNF	LPD	1	1	1	dead	10	0.50						
CNF	LPD	1	1	2	live	foliage	0.50	161.44	1.61	0.72	0.161	0.323	0.020
CNF	LPD	1	1	2	live	1	0.50	498.82	4.99	2.22	0.499	0.998	0.062
CNF	LPD	1	1	2	live	10	0.50	188.13	1.88	0.84	0.188	0.376	0.024
CNF	LPD	1	1	2	dead	drape	0.50	7.71	0.08	0.03	0.008	0.015	0.001
CNF	LPD	1	1	2	dead	1	0.50	72.76	0.73	0.32	0.073	0.146	0.009
CNF	LPD	1	1	2	dead	10	0.50						
CNF	LPD	1	1	3	live	foliage	0.50	188.27	1.88	0.84	0.188	0.377	0.024
CNF	LPD	1	1	3	live	1	0.50	198.71	1.99	0.89	0.199	0.397	0.025
CNF	LPD	1	1	3	live	10	0.50	7.25	0.07	0.03	0.007	0.015	0.001
CNF	LPD	1	1	3	dead	drape	0.50	0.27	0.00	0.00	0.000	0.001	0.000
CNF	LPD	1	1	3	dead	1	0.50	4.51	0.05	0.02	0.005	0.009	0.001
CNF	LPD	1	1	3	dead	10	0.50						
CNF	LPD	1	1	4	live	foliage	0.30	25.37	0.25	0.11	0.025	0.085	0.005
CNF	LPD	1	1	4	live	1	0.30	13.45	0.13	0.06	0.013	0.045	0.003
CNF	LPD	1	1	4	live	10	0.30						
CNF	LPD	1	1	4	dead	drape	0.30						
CNF	LPD	1	1	4	dead	1	0.30						
CNF	LPD	1	1	4	dead	10	0.30						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPD	2	0.5	0	dead	litter	0.04	358.35	7.17	3.20	0.717	16.151	1.009
CNF	LPD	2	1	1	live	foliage	0.50	40.15	0.40	0.18	0.040	0.080	0.005
CNF	LPD	2	1	1	live	1	0.50	210.06	2.10	0.94	0.210	0.420	0.026
CNF	LPD	2	1	1	live	10	0.50	277.46	2.77	1.24	0.277	0.555	0.035
CNF	LPD	2	1	1	dead	drape	0.50	0.65	0.01	0.00	0.001	0.001	0.000
CNF	LPD	2	1	1	dead	1	0.50	130.96	1.31	0.58	0.131	0.262	0.016
CNF	LPD	2	1	1	dead	10	0.50	26.93	0.27	0.12	0.027	0.054	0.003
CNF	LPD	2	1	2	live	foliage	0.50	78.16	0.78	0.35	0.078	0.156	0.010
CNF	LPD	2	1	2	live	1	0.50	246.5	2.47	1.10	0.247	0.493	0.031
CNF	LPD	2	1	2	live	10	0.50	281.89	2.82	1.26	0.282	0.564	0.035
CNF	LPD	2	1	2	dead	drape	0.50	-0.13	0.00	0.00	0.000	0.000	0.000
CNF	LPD	2	1	2	dead	1	0.50	126.99	1.27	0.57	0.127	0.254	0.016
CNF	LPD	2	1	2	dead	10	0.50	17.59	0.18	0.08	0.018	0.035	0.002
CNF	LPD	2	1	3	live	foliage	0.50	102.74	1.03	0.46	0.103	0.205	0.013
CNF	LPD	2	1	3	live	1	0.50	250.78	2.51	1.12	0.251	0.502	0.031
CNF	LPD	2	1	3	live	10	0.50	54.37	0.54	0.24	0.054	0.109	0.007
CNF	LPD	2	1	3	dead	drape	0.50	-0.1	0.00	0.00	0.000	0.000	0.000
CNF	LPD	2	1	3	dead	1	0.50	26.78	0.27	0.12	0.027	0.054	0.003
CNF	LPD	2	1	3	dead	10	0.50						
CNF	LPD	2	1	4	live	foliage	0.10	11.79	0.12	0.05	0.012	0.118	0.007
CNF	LPD	2	1	4	live	1	0.10	25.42	0.25	0.11	0.025	0.254	0.016
CNF	LPD	2	1	4	live	10	0.10						
CNF	LPD	2	1	4	dead	drape	0.10						
CNF	LPD	2	1	4	dead	1	0.10						
CNF	LPD	2	1	4	dead	10	0.10						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	componen	layer dept	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPD	3	0.5	0	dead	litter	0.05	268.87	5.38	2.40	0.538	11.786	0.736
CNF	LPD	3	1	1	live	foliage	0.50	104.24	1.04	0.46	0.104	0.208	0.013
CNF	LPD	3	1	1	live	1	0.50	297.42	2.97	1.33	0.297	0.595	0.037
CNF	LPD	3	1	1	live	10	0.50	307.31	3.07	1.37	0.307	0.615	0.038
CNF	LPD	3	1	1	dead	drape	0.50	7.98	0.08	0.04	0.008	0.016	0.001
CNF	LPD	3	1	1	dead	1	0.50	181.42	1.81	0.81	0.181	0.363	0.023
CNF	LPD	3	1	1	dead	10	0.50						
CNF	LPD	3	1	2	live	foliage	0.50	29.24	0.29	0.13	0.029	0.058	0.004
CNF	LPD	3	1	2	live	1	0.50	192.97	1.93	0.86	0.193	0.386	0.024
CNF	LPD	3	1	2	live	10	0.50	461.58	4.62	2.06	0.462	0.923	0.058
CNF	LPD	3	1	2	dead	drape	0.50	16.28	0.16	0.07	0.016	0.033	0.002
CNF	LPD	3	1	2	dead	1	0.50	239.58	2.40	1.07	0.240	0.479	0.030
CNF	LPD	3	1	2	dead	10	0.50						
CNF	LPD	3	1	3	live	foliage	0.50	254.17	2.54	1.13	0.254	0.508	0.032
CNF	LPD	3	1	3	live	1	0.50	397.18	3.97	1.77	0.397	0.794	0.050
CNF	LPD	3	1	3	live	10	0.50	15.23	0.15	0.07	0.015	0.030	0.002
CNF	LPD	3	1	3	dead	drape	0.50	4.26	0.04	0.02	0.004	0.009	0.001
CNF	LPD	3	1	3	dead	1	0.50	37.03	0.37	0.17	0.037	0.074	0.005
CNF	LPD	3	1	3	dead	10	0.50						
CNF	LPD	3	1	4	live	foliage	0.60	88.65	0.89	0.40	0.089	0.148	0.009
CNF	LPD	3	1	4	live	1	0.60	46.06	0.46	0.21	0.046	0.077	0.005
CNF	LPD	3	1	4	live	10	0.60						
CNF	LPD	3	1	4	dead	drape	0.60						
CNF	LPD	3	1	4	dead	1	0.60	0.09	0.00	0.00	0.000	0.000	0.000
CNF	LPD	3	1	4	dead	10	0.60						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
te	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	LPD	4	0.5	0	dead	litter	0.03	275.56	5.51	2.46	0.551	16.329	1.020
CNF	LPD	4	1	1	live	foliage	0.50	38.05	0.38	0.17	0.038	0.076	0.005
CNF	LPD	4	1	1	live	1	0.50	247.56	2.48	1.10	0.248	0.495	0.031
CNF	LPD	4	1	1	live	10	0.50	319.04	3.19	1.42	0.319	0.638	0.040
CNF	LPD	4	1	1	dead	drape	0.50	9.05	0.09	0.04	0.009	0.018	0.001
CNF	LPD	4	1	1	dead	1	0.50	112.65	1.13	0.50	0.113	0.225	0.014
CNF	LPD	4	1	1	dead	10	0.50	30.04	0.30	0.13	0.030	0.060	0.004
CNF	LPD	4	1	2	live	foliage	0.50	79.61	0.80	0.36	0.080	0.159	0.010
CNF	LPD	4	1	2	live	1	0.50	324.04	3.24	1.45	0.324	0.648	0.040
CNF	LPD	4	1	2	live	10	0.50	281.82	2.82	1.26	0.282	0.564	0.035
CNF	LPD	4	1	2	dead	drape	0.50	4.22	0.04	0.02	0.004	0.008	0.001
CNF	LPD	4	1	2	dead	1	0.50	94.24	0.94	0.42	0.094	0.188	0.012
CNF	LPD	4	1	2	dead	10	0.50	10.44	0.10	0.05	0.010	0.021	0.001
CNF	LPD	4	1	3	live	foliage	0.50	53.26	0.53	0.24	0.053	0.107	0.007
CNF	LPD	4	1	3	live	1	0.50	174.64	1.75	0.78	0.175	0.349	0.022
CNF	LPD	4	1	3	live	10	0.50	64.44	0.64	0.29	0.064	0.129	0.008
CNF	LPD	4	1	3	dead	drape	0.50	-0.14	0.00	0.00	0.000	0.000	0.000
CNF	LPD	4	1	3	dead	1	0.50	6.62	0.07	0.03	0.007	0.013	0.001
CNF	LPD	4	1	3	dead	10	0.50						
CNF	LPD	4	1	4	live	foliage	0.50	-0.5	-0.01	0.00	-0.001	-0.001	0.000
CNF	LPD	4	1	4	live	1	0.50	23.25	0.23	0.10	0.023	0.047	0.003
CNF	LPD	4	1	4	live	10	0.50						
CNF	LPD	4	1	4	dead	drape	0.50						
NF	LPD	4	1	4	dead	1	0.50						
CNF	LPD	4	1	4	dead	10	0.50						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	HP	1	0.5	0	dead	litter	0.03	222.06	4.44	1.98	0.444	13.159	0.822
CNF	HP	1	1	1	live	foliage	0.50	124.02	1.24	0.55	0.124	0.248	0.015
CNF	HP	1	1	1	live	1	0.50	301.1	3.01	1.34	0.301	0.602	0.038
CNF	HP	1	1	1	live	10	0.50	52.96	0.53	0.24	0.053	0.106	0.007
CNF	HP	1	1	1	dead	drape	0.50						
CNF	HP	1	1	1	dead	1	0.50	387.86	3.88	1.73	0.388	0.776	0.048
CNF	HP	1	1	1	dead	10	0.50	94.13	0.94	0.42	0.094	0.188	0.012
CNF	HP	1	1	2	live	foliage	0.50	159.99	1.60	0.71	0.160	0.320	0.020
CNF	HP	1	1	2	live	1	0.50	186.29	1.86	0.83	0.186	0.373	0.023
CNF	HP	1	1	2	live	10	0.50	1.81	0.02	0.01	0.002	0.004	0.000
CNF	HP	1	1	2	dead	drape	0.50						
CNF	HP	1	1	2	dead	1	0.50	121.44	1.21	0.54	0.121	0.243	0.015
CNF	HP	1	1	2	dead	10	0.50	4.82	0.05	0.02	0.005	0.010	0.001
CNF	HP	1	1	3	live	foliage	0.00						
CNF	HP	1	1	3	live	1	0.00						
CNF	HP	1	1	3	live	10	0.00						
CNF	HP	1	1	3	dead	drape	0.00						
CNF	HP	1	1	3	dead	1	0.00						
CNF	HP	1	1	3	dead	10	0.00						
CNF	HP	1	1	4	live	foliage	0.00						
CNF	HP	1	1	4	live	1	0.00						
CNF	HP	1	1	4	live	10	0.00						
CNF	HP	1	1	4	dead	drape	0.00						
CNF	HP	1	1	4	dead	1	0.00						
CNF	HP	1	1	4	dead	10	0.00						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft
CNF	HP	2	0.5	0	dead	litter	0.03	350.23	7.00	3.12	0.700	27.335	1.70
CNF	HP	2	1	1	live	foliage	0.50	105.53	1.06	0.47	0.106	0.211	0.013
CNF	HP	2	1	1	live	1	0.50	398.86	3.99	1.78	0.399	0.798	0.050
CNF	HP	2	1	1	live	10	0.50	262.15	2.62	1.17	0.262	0.524	0.033
CNF	HP	2	1	1	dead	drape	0.50	5	0.05	0.02	0.005	0.010	0.001
CNF	HP	2	1	1	dead	1	0.50	301.04	3.01	1.34	0.301	0.602	0.038
CNF	HP	2	1	1	dead	10	0.50	121.73	1.22	0.54	0.122	0.243	0.015
CNF	HP	2	1	2	live	foliage	0.50	212.71	2.13	0.95	0.213	0.425	0.027
CNF	HP	2	1	2	live	1	0.50	396.05	3.96	1.77	0.396	0.792	0.049
CNF	HP	2	1	2	live	10	0.50	168.03	1.68	0.75	0.168	0.336	0.021
CNF	HP	2	1	2	dead	drape	0.50	0.98	0.01	0.00	0.001	0.002	0.000
CNF	HP	2	1	2	dead	1	0.50	296.74	2.97	1.32	0.297	0.593	0.037
CNF	HP	2	1	2	dead	10	0.50	38.82	0.39	0.17	0.039	0.078	0.005
CNF	HP	2	1	3	live	foliage	0.50	102.64	1.03	0.46	0.103	0.205	0.013
CNF	HP	2	1	3	live	1	0.50	161.42	1.61	0.72	0.161	0.323	0.020
CNF	HP	2	1	3	live	10	0.50	18.73	0.19	0.08	0.019	0.037	0.002
CNF	HP	2	1	3	dead	drape	0.50						
CNF	HP	2	1	3	dead	1	0.50	52.73	0.53	0.24	0.053	0.105	0.007
CNF	HP	2	1	3	dead	10	0.50						
CNF	HP	2	1	4	live	foliage	0.10	21.12	0.21	0.09	0.021	0.211	0.013
CNF	HP	2	1	4	live	1	0.10	10.02	0.10	0.04	0.010	0.100	0.006
CNF	HP	2	1	4	live	10	0.10						
CNF	HP	2	1	4	dead	drape	0.10						
CNF	HP	2	1	4	dead	1	0.10						
CNF	HP	2	1	4	dead	10	0.10						

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	HP	3	0.5	0	dead	litter	0.06	291.58	5.83	2.60	0.583	9.238	0.577
CNF	HP	3	1	1	live	foliage	0.50	87	0.87	0.39	0.087	0.174	0.011
CNF	HP	3	1	1	live	1	0.50	218.04	2.18	0.97	0.218	0.436	0.027
CNF	HP	3	1	1	live	10	0.50	60.24	0.60	0.27	0.060	0.120	0.008
CNF	HP	3	1	1	dead	drape	0.50	5.14	0.05	0.02	0.005	0.010	0.001
CNF	HP	3	1	1	dead	1	0.50	494.56	4.95	2.21	0.495	0.989	0.062
CNF	HP	3	1	1	dead	10	0.50	72	0.72	0.32	0.072	0.144	0.009
CNF	HP	3	1	2	live	foliage	0.50	109.62	1.10	0.49	0.110	0.219	0.014
CNF	HP	3	1	2	live	1	0.50	219.77	2.20	0.98	0.220	0.440	0.027
CNF	HP	3	1	2	live	10	0.50						
CNF	HP	3	1	2	dead	drape	0.50						
CNF	HP	3	1	2	dead	1	0.50	374.72	3.75	1.67	0.375	0.749	0.047
CNF	HP	3	1	2	dead	10	0.50						
CNF	HP	3	1	3	live	foliage	0.50	140.92	1.41	0.63	0.141	0.282	0.018
CNF	HP	3	1	3	live	1	0.50	131.78	1.32	0.59	0.132	0.264	0.016
CNF	HP	3	1	3	live	10	0.50						
CNF	HP	3	1	3	dead	drape	0.50						
CNF	HP	3	1	3	dead	1	0.50	44.82	0.45	0.20	0.045	0.090	0.006
CNF	HP	3	1	3	dead	10	0.50						
CNF	HP	3	1	4	live	foliage	0.50	48.31	0.48	0.22	0.048	0.097	0.006
CNF	HP	3	1	4	live	1	0.50	21.49	0.21	0.10	0.021	0.043	0.003
CNF	HP	3	1	4	live	10	0.50	7.09	0.07	0.03	0.007	0.014	0.001
CNF	HP	3	1	4	dead	drape	0.50						
CNF	HP	3	1	4	dead	1	0.50						
CNF	HP	3	1	4	dead	10	0.50						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	componen	layer dept	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft
CNF	HP	4	0.5	0	dead	litter	0.05	294	5.88	2.62	0.588	11.335	0.70
CNF	HP	4	1	1	live	foliage	0.50	171.74	1.72	0.77	0.172	0.343	0.021
CNF	HP	4	1	1	live	1	0.50	434.44	4.34	1.94	0.434	0.869	0.054
CNF	HP	4	1	1	live	10	0.50	120	1.20	0.54	0.120	0.240	0.015
CNF	HP	4	1	1	dead	drape	0.50	1.98	0.02	0.01	0.002	0.004	0.000
CNF	HP	4	1	1	dead	1	0.50	467.26	4.67	2.08	0.467	0.935	0.058
CNF	HP	4	1	1	dead	10	0.50	37.06	0.37	0.17	0.037	0.074	0.005
CNF	HP	4	1	2	live	foliage	0.50	121.49	1.21	0.54	0.121	0.243	0.015
CNF	HP	4	1	2	live	1	0.50	203.94	2.04	0.91	0.204	0.408	0.025
CNF	HP	4	1	2	live	10	0.50	41.81	0.42	0.19	0.042	0.084	0.005
CNF	HP	4	1	2	dead	drape	0.50						
CNF	HP	4	1	2	dead	1	0.50	231.99	2.32	1.03	0.232	0.464	0.029
CNF	HP	4	1	2	dead	10	0.50	27.46	0.27	0.12	0.027	0.055	0.003
CNF	HP	4	1	3	live	foliage	0.50	25.6	0.26	0.11	0.026	0.051	0.003
CNF	HP	4	1	3	live	1	0.50	37.05	0.37	0.17	0.037	0.074	0.005
CNF	HP	4	1	3	live	10	0.50						
CNF	HP	4	1	3	dead	drape	0.50						
CNF	HP	4	1	3	dead	1	0.50	5.18	0.05	0.02	0.005	0.010	0.001
CNF	HP	4	1	3	dead	10	0.50						
CNF	HP	4	1	4	live	foliage	0.20						
CNF	HP	4	1	4	live	1	0.20						
CNF	HP	4	1	4	live	10	0.20						
CNF	HP	4	1	4	dead	drape	0.20						
CNF	HP	4	1	4	dead	1	0.20						
CNF	HP	4	1	4	dead	10	0.20						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	HP	5	0.5	0	dead	litter	0.04	318.45	6.37	2.84	0.637	16.984	1.061
CNF	HP	5	1	1	live	foliage	0.50	72.43	0.72	0.32	0.072	0.145	0.009
CNF	HP	5	1	1	live	1	0.50	150.96	1.51	0.67	0.151	0.302	0.019
CNF	HP	5	1	1	live	10	0.50	339.84	3.40	1.52	0.340	0.680	0.042
CNF	HP	5	1	1	dead	drape	0.50	6.94	0.07	0.03	0.007	0.014	0.001
CNF	HP	5	1	1	dead	1	0.50	467.57	4.68	2.09	0.468	0.935	0.058
CNF	HP	5	1	1	dead	10	0.50	320.15	3.20	1.43	0.320	0.640	0.040
CNF	HP	5	1	2	live	foliage	0.50	14.99	0.15	0.07	0.015	0.030	0.002
CNF	HP	5	1	2	live	1	0.50	101.6	1.02	0.45	0.102	0.203	0.013
CNF	HP	5	1	2	live	10	0.50	216.99	2.17	0.97	0.217	0.434	0.027
CNF	HP	5	1	2	dead	drape	0.50						
CNF	HP	5	1	2	dead	1	0.50	169.58	1.70	0.76	0.170	0.339	0.021
CNF	HP	5	1	2	dead	10	0.50	139.67	1.40	0.62	0.140	0.279	0.017
CNF	HP	5	1	3	live	foliage	0.50	7.83	0.08	0.03	0.008	0.016	0.001
CNF	HP	5	1	3	live	1	0.50	209.27	2.09	0.93	0.209	0.419	0.026
CNF	HP	5	1	3	live	10	0.50	82.14	0.82	0.37	0.082	0.164	0.010
CNF	HP	5	1	3	dead	drape	0.50						
CNF	HP	5	1	3	dead	1	0.50	93.04	0.93	0.41	0.093	0.186	0.012
CNF	HP	5	1	3	dead	10	0.50						
CNF	HP	5	1	4	live	foliage	0.30	27.05	0.27	0.12	0.027	0.090	0.006
CNF	HP	5	1	4	live	1	0.30	55.47	0.55	0.25	0.055	0.185	0.012
CNF	HP	5	1	4	live	10	0.30						
CNF	HP	5	1	4	dead	drape	0.30						
CNF	HP	5	1	4	dead	1	0.30	5.56	0.06	0.02	0.006	0.019	0.001
CNF	HP	5	1	4	dead	10	0.30						

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	HP	6	0.5	0	dead	litter	0.05	277.24	5.54	2.47	0.554	11.673	0.729
CNF	HP	6	1	1	live	foliage	0.50	185.33	1.85	0.83	0.185	0.371	0.023
CNF	HP	6	1	1	live	1	0.50	352.47	3.52	1.57	0.352	0.705	0.044
CNF	HP	6	1	1	live	10	0.50	29.53	0.30	0.13	0.030	0.059	0.004
CNF	HP	6	1	1	dead	drape	0.50						
CNF	HP	6	1	1	dead	1	0.50	418.22	4.18	1.87	0.418	0.836	0.052
CNF	HP	6	1	1	dead	10	0.50	55.04	0.55	0.25	0.055	0.110	0.007
CNF	HP	6	1	2	live	foliage	0.50	63.91	0.64	0.29	0.064	0.128	0.008
CNF	HP	6	1	2	live	1	0.50	154.44	1.54	0.69	0.154	0.309	0.019
CNF	HP	6	1	2	live	10	0.50	14.2	0.14	0.06	0.014	0.028	0.002
CNF	HP	6	1	2	dead	drape	0.50						
CNF	HP	6	1	2	dead	1	0.50	319.28	3.19	1.42	0.319	0.639	0.040
CNF	HP	6	1	2	dead	10	0.50						
CNF	HP	6	1	3	live	foliage	0.35	7.53	0.08	0.03	0.008	0.022	0.001
CNF	HP	6	1	3	live	1	0.35	2.9	0.03	0.01	0.003	0.008	0.001
CNF	HP	6	1	3	live	10	0.35						
CNF	HP	6	1	3	dead	drape	0.35						
CNF	HP	6	1	3	dead	1	0.35						
CNF	HP	6	1	3	dead	10	0.35						
CNF	HP	6	1	4	live	foliage	0.00						
CNF	HP	6	1	4	live	1	0.00						
CNF	HP	6	1	4	live	10	0.00						
CNF	HP	6	1	4	dead	drape	0.00						
CNF	HP	6	1	4	dead	1	0.00						
CNF	HP	6	1	4	dead	10	0.00						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	HP /	7	0.5	0	dead	litter	0.05	256.96	5.14	2.29	0.514	10.152	0.634
CNF	HP	7	1	1	live	foliage	0.50	99.05	0.99	0.44	0.099	0.198	0.012
CNF	HP	7	1	1	live	1	0.50	281.17	2.81	1.25	0.281	0.562	0.035
CNF	HP /	7	1	1	live	10	0.50	60.96	0.61	0.27	0.061	0.122	0.008
CNF	HP	7	1	1	dead	drape	0.50	169.95	1.70	0.76	0.170	0.340	0.021
CNF	HP	7	1	1	dead	1	0.50	551.09	5.51	2.46	0.551	1.102	0.069
CNF	HP	7	1	1	dead	10	0.50	54.99	0.55	0.25	0.055	0.110	0.007
CNF	HP	7	1	2	live	foliage	0.50	93.02	0.93	0.41	0.093	0.186	0.012
CNF	HP	7	1	2	live	1	0.50	98.26	0.98	0.44	0.098	0.197	0.012
CNF	HP	7	1	2	live	10	0.50	8.72	0.09	0.04	0.009	0.017	0.001
CNF	HP	7	1	2	dead	drape	0.50	9.34	0.09	0.04	0.009	0.019	0.001
CNF	HP	7	1	2	dead	1	0.50	138.55	1.39	0.62	0.139	0.277	0.017
CNF	HP	7	1	2	dead	10	0.50	59.77	0.60	0.27	0.060	0.120	0.007
CNF	HP	7	1	3	live	foliage	0.00						
CNF	HP	7	1	3	live	1	0.00						
CNF	HP	7	1	3	live	10	0.00						
CNF	HP	7	1	3	dead	drape	0.00						
CNF	HP	7	1	3	dead	1	0.00						
CNF	HP	7	1	3	dead	10	0.00						
CNF	HP	7	1	4	live	foliage	0.00						
CNF	HP	7	1	4	live	1	0.00						
CNF	HP	7	1	4	live	10	0.00						
CNF	HP	7	1	4	dead	drape	0.00						
CNF	HP	7	1	4	dead	1	0.00						
CNF	HP	7	1	4	dead	10	0.00						

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft
CNF	HP	8	0.5	0	dead	litter	0.07	316.86	6.34	2.83	0.634	9.135	0.571
CNF	HP	8	1	1	live	foliage	0.50	104.92	1.05	0.47	0.105	0.210	0.013
CNF	HP	8	1	1	live	1	0.50	328.13	3.28	1.46	0.328	0.656	0.041
CNF	HP	8	1	1	live	10	0.50	131.05	1.31	0.58	0.131	0.262	0.016
CNF	HP	8	1	1	dead	drape	0.50	6.64	0.07	0.03	0.007	0.013	0.001
CNF	HP	8	1	1	dead	1	0.50	422.46	4.22	1.88	0.422	0.845	0.053
CNF	HP	8	1	1	dead	10	0.50	70.02	0.70	0.31	0.070	0.140	0.009
CNF	HP	8	1	2	live	foliage	0.50	64.82	0.65	0.29	0.065	0.130	0.008
CNF	HP	8	1	2	live	1	0.50	140.38	1.40	0.63	0.140	0.281	0.018
CNF	HP	8	1	2	live	10	0.50	48.04	0.48	0.21	0.048	0.096	0.006
CNF	HP	8	1	2	dead	drape	0.50						
CNF	HP	8	1	2	dead	1	0.50	127.52	1.28	0.57	0.128	0.255	0.016
CNF	HP	8	1	2	dead	10	0.50	17.8	0.18	0.08	0.018	0.036	0.002
CNF	HP	8	1	3	live	foliage	0.20	1.79	0.02	0.01	0.002	0.009	0.001
CNF	HP	8	1	3	live	1	0.20	17.24	0.17	0.08	0.017	0.086	0.005
CNF	HP	8	1	3	live	10	0.20	13.81	0.14	0.06	0.014	0.069	0.004
CNF	HP	8	1	3	dead	drape	0.20						
CNF	HP	8	1	3	dead	1	0.20	5.16	0.05	0.02	0.005	0.026	0.002
CNF	HP	8	1	3	dead	10	0.20						
CNF	HP	8	1	4	live	foliage	0.00						
CNF	HP	8	1	4	live	1	0.00						
CNF	HP	8	1	4	live	10	0.00						
CNF	HP	8	1	4	dead	drape	0.00						
CNF	HP	8	1	4	dead	1	0.00						
CNF	HP	8	1	4	dead	10	0.00						

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	HP	9	0.5	0	dead	litter	0.04	180.06	3.60	1.61	0.360	10.289	0.643
CNF	HP	9	1	1	live	foliage	0.50	108.97	1.09	0.49	0.109	0.218	0.014
CNF	HP	9	1	1	live	1	0.50	228.45	2.28	1.02	0.228	0.457	0.029
CNF	HP	9	1	1	live	10	0.50	50.45	0.50	0.23	0.050	0.101	0.006
CNF	HP	9	1	1	dead	drape	0.50	44.75	0.45	0.20	0.045	0.090	0.006
CNF	HP	9	1	1	dead	1	0.50	531.38	5.31	2.37	0.531	1.063	0.066
CNF	HP	9	1	1	dead	10	0.50	220.12	2.20	0.98	0.220	0.440	0.027
CNF	HP	9	1	2	live	foliage	0.50	59.87	0.60	0.27	0.060	0.120	0.007
CNF	HP	9	1	2	live	1	0.50	81.74	0.82	0.36	0.082	0.163	0.010
CNF	HP	9	1	2	live	10	0.50	23.35	0.23	0.10	0.023	0.047	0.003
CNF	HP	9	1	2	dead	drape	0.50						
CNF	HP	9	1	2	dead	1	0.50	123.8	1.24	0.55	0.124	0.248	0.015
CNF	HP	9	1	2	dead	10	0.50	4.91	0.05	0.02	0.005	0.010	0.001
CNF	HP	9	1	3	live	foliage	0.30	12.94	0.13	0.06	0.013	0.043	0.003
CNF	HP	9	1	3	live	1	0.30	60.22	0.60	0.27	0.060	0.201	0.013
CNF	HP	9	1	3	live	10	0.30						
CNF	HP	9	1	3	dead	drape	0.30						
CNF	HP	9	1	3	dead	1	0.30	16.23	0.16	0.07	0.016	0.054	0.003
CNF	HP	9	1	3	dead	10	0.30						
CNF	HP	9	1	4	live	foliage	0.00						
CNF	HP	9	1	4	live	1	0.00						
CNF	HP	9	1	4	live	10	0.00						
CNF	HP	9	1	4	dead	drape	0.00						
CNF	HP	9	1	4	dead	1	0.00						
CNF	HP	9	1	4	dead	10	0.00						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
ite	Veg type	Plot	plot size	Layer	live/dead	componen	layer dept	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CNF	HP	10	0.5	0	dead	litter	0.03	274.16	5.48	2.45	0.548	16.247	1.015
CNF	HP	10	1	1	live	foliage	0.50	74.36	0.74	0.33	0.074	0.149	0.009
CNF	HP	10	1	1	live	1	0.50	207.68	2.08	0.93	0.208	0.415	0.026
CNF	HP	10	1	1	live	10	0.50	66.9	0.67	0.30	0.067	0.134	0.008
CNF	HP	10	1	1	dead	drape	0.50	4	0.04	0.02	0.004	0.008	0.000
CNF	HP	10	1	1	dead	1	0.50	443.13	4.43	1.98	0.443	0.886	0.055
CNF	HP	10	1	1	dead	10	0.50	42.7	0.43	0.19	0.043	0.085	0.005
CNF	HP	10	1	2	live	foliage	0.50	80.5	0.81	0.36	0.081	0.161	0.010
CNF	HP	10	1	2	live	1	0.50	109.84	1.10	0.49	0.110	0.220	0.014
CNF	HP	10	1	2	live	10	0.50						
CNF	HP	10	1	2	dead	drape	0.50						
CNF	HP	10	1	2	dead	1	0.50	108.28	1.08	0.48	0.108	0.217	0.014
CNF	HP	10	1	2	dead	10	0.50	12.83	0.13	0.06	0.013	0.026	0.002
CNF	HP	10	1	3	live	foliage	0.50	15.12	0.15	0.07	0.015	0.030	0.002
CNF	HP	10	1	3	live	1	0.50	29.82	0.30	0.13	0.030	0.060	0.004
CNF	HP	10	1	3	live	10	0.50						
CNF	HP	10	1	3	dead	drape	0.50						
CNF	HP	10	1	3	dead	1	0.50	9.4	0.09	0.04	0.009	0.019	0.001
CNF	HP	10	1	3	dead	10	0.50						
CNF	HP	10	1	4	live	foliage	0.00						
CNF	HP	10	1	4	live	1	0.00						
CNF	HP	10	1	4	live	10	0.00						
CNF	HP	10	1	4	dead	drape	0.00						
NF	HP	10	1	4	dead	1	0.00						
CNF	HP	10	1	4	dead	10	0.00						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
ite	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
BR	LP	1	0.5	0	dead	litter	0.03	282.93	5.66	2.52	0.566	17.083	1.067
CBR	LP	1	1	1	live	foliage	0.50	100.1	1.00	0.45	0.100	0.200	0.013
DCBR	LP	1	1	1	live	1	0.50	299.8	3.00	1.34	0.300	0.600	0.037
DCBR	LP	1	1	1	live	10	0.50	662.52	6.63	2.95	0.663	1.325	0.083
DCBR	LP	1	1	1	dead	drape	0.50	4.85	0.05	0.02	0.005	0.010	0.001
DCBR	LP	1	1	1	dead	1	0.50	227.18	2.27	1.01	0.227	0.454	0.028
DCBR	LP	1	1	1	dead	10	0.50	269.79	2.70	1.20	0.270	0.540	0.034
DCBR	LP	1	1	2	live	foliage	0.50	188.62	1.89	0.84	0.189	0.377	0.024
DCBR	LP	1	1	2	live	1	0.50	256.51	2.57	1.14	0.257	0.513	0.032
DCBR	LP	1	1	2	live	10	0.50	272.25	2.72	1.21	0.272	0.545	0.034
DCBR	LP	1	1	2	dead	drape	0.50						
DCBR	LP	1	1	2	dead	1	0.50	274.29	2.74	1.22	0.274	0.549	0.034
DCBR	LP	1	1	2	dead	10	0.50	63.19	0.63	0.28	0.063	0.126	0.008
DCBR	LP	1	1	3	live	foliage	0.48	78.97	0.79	0.35	0.079	0.165	0.010
DCBR	LP	1	1	3	live	1	0.48	76.98	0.77	0.34	0.077	0.160	0.010
DCBR	LP	1	1	3	live	10	0.48						
DCBR	LP	1	1	3	dead	drape	0.48						
DCBR	LP	1	1	3	dead	1	0.48	20.59	0.21	0.09	0.021	0.043	0.003
DCBR	LP	1	1	3	dead	10	0.48						
DCBR	LP	1	1	4	live	foliage	0.00						
DCBR	LP	1	1	4	live	1	0.00						
DCBR	LP	1	1	4	live	10	0.00						
DCBR	LP	1	1	4	dead	drape	0.00						
CBR	LP	1	1	4	dead	1	0.00						
BR	LP	1	1	4	dead	10	0.00						

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft
DCBR	LP	2	0.5	0	dead	litter	0.05	242.43	4.85	2.16	0.485	10.627	0.66
DCBR	LP	2	1	1	live	foliage	0.5	88.6	0.89	0.40	0.089	0.177	0.011
DCBR	LP	2	1	1	live	1	0.5	257.9	2.58	1.15	0.258	0.516	0.032
DCBR	LP	2	1	1	live	10	0.5	233.41	2.33	1.04	0.233	0.467	0.029
DCBR	LP	2	1	1	dead	drape	0.5	5.27	0.05	0.02	0.005	0.011	0.001
DCBR	LP	2	1	1	dead	1	0.5	451.25	4.51	2.01	0.451	0.903	0.056
DCBR	LP	2	1	1	dead	10	0.5	295.88	2.96	1.32	0.296	0.592	0.037
DCBR	LP	2	1	2	live	foliage	0.5	114.72	1.15	0.51	0.115	0.229	0.014
DCBR	LP	2	1	2	live	1	0.5	336.1	3.36	1.50	0.336	0.672	0.042
DCBR	LP	2	1	2	live	10	0.5	127.01	1.27	0.57	0.127	0.254	0.016
DCBR	LP	2	1	2	dead	drape	0.5						
DCBR	LP	2	1	2	dead	1	0.5	452.51	4.53	2.02	0.453	0.905	0.057
DCBR	LP	2	1	2	dead	10	0.5	67.88	0.68	0.30	0.068	0.136	0.008
DCBR	LP	2	1	3	live	foliage	0.3	143.71	1.44	0.64	0.144	0.479	0.030
DCBR	LP	2	1	3	live	1	0.3	182.39	1.82	0.81	0.182	0.608	0.038
DCBR	LP	2	1	3	live	10	0.3						
DCBR	LP	2	1	3	dead	drape	0.3						
DCBR	LP	2	1	3	dead	1	0.3	48.79	0.49	0.22	0.049	0.163	0.010
DCBR	LP	2	1	3	dead	10	0.3						
DCBR	LP	2	1	4	live	foliage							
DCBR	LP	2	1	4	live	1							
DCBR	LP	2	1	4	live	10							
DCBR	LP	2	1	4	dead	drape							
CBR	LP	2	1	4	dead	1							
DCBR	LP	2	1	4	dead	10							

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	componen	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
BR	LP	3	0.5	0	dead	litter	0.02	77.51	1.55	0.69	0.155	8.268	0.516
DCBR	LP	3	1	1	live	foliage	0.5	59.24	0.59	0.26	0.059	0.118	0.007
DCBR	LP	3	1	1	live	1	0.5	213.91	2.14	0.95	0.214	0.428	0.027
DCBR	LP	3	1	1	live	10	0.5	99.5	1.00	0.44	0.100	0.199	0.012
DCBR	LP	3	1	1	dead	drape	0.5	146.13	1.46	0.65	0.146	0.292	0.018
DCBR	LP	3	1	1	dead	1	0.5	98.58	0.99	0.44	0.099	0.197	0.012
DCBR	LP	3	1	1	dead	10	0.5	9.55	0.10	0.04	0.010	0.019	0.001
DCBR	LP	3	1	2	live	foliage	0.14	41.71	0.42	0.19	0.042	0.298	0.019
DCBR	LP	3	1	2	live	1	0.14	29.61	0.30	0.13	0.030	0.212	0.013
DCBR	LP	3	1	2	live	10	0.14	1.77	0.02	0.01	0.002	0.013	0.001
DCBR	LP	3	1	2	dead	drape	0.14	1.02	0.01	0.00	0.001	0.007	0.000
DCBR	LP	3	1	2	dead	1	0.14	23.54	0.24	0.10	0.024	0.168	0.011
DCBR	LP	3	1	2	dead	10	0						
DCBR	LP	3	1	3	live	foliage	0						
DCBR	LP	3	1	3	live	1	0						
DCBR	LP	3	1	3	live	10	0						
DCBR	LP	3	1	3	dead	drape	0						
DCBR	LP	3	1	3	dead	1	0						
DCBR	LP	3	1	3	dead	10	0						
DCBR	LP	3	1	4	live	foliage	0						
DCBR	LP	3	1	4	live	1	0						
DCBR	LP	3	1	4	live	10	0						
DCBR	LP	3	1	4	dead	drape	0						
BR	LP	3	1	4	dead	1	0						
CBR	LP	3	1	4	dead	10	0						

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/
DCBR	LP	4	0.5	0	dead	litter	0.03	250.52	5.01	2.23	0.501	15.719	0.9
DCBR	LP	4	1	1	live	foliage	0.5	143.2	1.43	0.64	0.143	0.286	0.018
DCBR	LP	4	1	1	live	1	0.5	292.83	2.93	1.31	0.293	0.586	0.037
DCBR	LP	4	1	1	live	10	0.5	37.47	0.37	0.17	0.037	0.075	0.005
DCBR	LP	4	1	1	dead	drape	0.5	17.75	0.18	0.08	0.018	0.036	0.002
DCBR	LP	4	1	1	dead	1	0.5	619.75	6.20	2.76	0.620	1.240	0.077
DCBR	LP	4	1	1	dead	10	0.5	68.11	0.68	0.30	0.068	0.136	0.009
DCBR	LP	4	1	2	live	foliage	0.3	25.5	0.26	0.11	0.026	0.085	0.005
DCBR	LP	4	1	2	live	1	0.3	19	0.19	0.08	0.019	0.063	0.004
DCBR	LP	4	1	2	live	10	0.3						
DCBR	LP	4	1	2	dead	drape	0.3						
DCBR	LP	4	1	2	dead	1	0.3	91.51	0.92	0.41	0.092	0.305	0.019
DCBR	LP	4	1	2	dead	10	0.3						
DCBR	LP	4	1	3	live	foliage	0						
DCBR	LP	4	1	3	live	1	0						
DCBR	LP	4	1	3	live	10	0						
DCBR	LP	4	1	3	dead	drape	0						
DCBR	LP	4	1	3	dead	1	0						
DCBR	LP	4	1	3	dead	10	0						
DCBR	LP	4	1	4	live	foliage	0						
DCBR	LP	4	1	4	live	1	0						
DCBR	LP	4	1	4	live	10	0						
DCBR	LP	4	1	4	dead	drape	0						
DCBR	LP	4	1	4	dead	1	0						
DCBR	LP	4	1	4	dead	10	0						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
ite	Veg type	Plot	plot size	Layer	live/dead	componen	layer dept	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CBR	/ LP	5	0.5	0	dead	litter	0.04	281.23	5.62	2.51	0.562	14.753	0.921
DCBR	LP	5	1	1	live	foliage	0.5	87.7	0.88	0.39	0.088	0.175	0.011
DCBR	LP	5	1	1	live	1	0.5	261.2	2.61	1.16	0.261	0.522	0.033
DCBR	/ LP	5	1	1	live	10	0.5	901.85	9.02	4.02	0.902	1.804	0.113
DCBR	LP	5	1	1	dead	drape	0.5	6.49	0.06	0.03	0.006	0.013	0.001
DCBR	LP	5	1	1	dead	1	0.5	132.24	1.32	0.59	0.132	0.264	0.017
DCBR	LP	5	1	1	dead	10	0.5	211.17	2.11	0.94	0.211	0.422	0.026
DCBR	LP	5	1	2	live	foliage	0.5	166.59	1.67	0.74	0.167	0.333	0.021
DCBR	LP	5	1	2	live	1	0.5	217.03	2.17	0.97	0.217	0.434	0.027
DCBR	LP	5	1	2	live	10	0.5	344.28	3.44	1.54	0.344	0.689	0.043
DCBR	LP	5	1	2	dead	drape	0.5						
DCBR	LP	5	1	2	dead	1	0.5	185.08	1.85	0.83	0.185	0.370	0.023
DCBR	LP	5	1	2	dead	10	0.5	91.74	0.92	0.41	0.092	0.183	0.011
DCBR	LP	5	1	3	live	foliage	0.46	148.6	1.49	0.66	0.149	0.323	0.020
DCBR	LP	5	1	3	live	1	0.46	183.09	1.83	0.82	0.183	0.398	0.025
DCBR	LP	5	1	3	live	10	0.46	36.63	0.37	0.16	0.037	0.080	0.005
DCBR	LP	5	1	3	dead	drape	0.46						
DCBR	LP	5	1	3	dead	1	0.46	98.29	0.98	0.44	0.098	0.214	0.013
DCBR	LP	5	1	3	dead	10	0.46						
DCBR	LP	5	1	4	live	foliage	0						
DCBR	LP	5	1	4	live	1	0						
DCBR	LP	5	1	4	live	10	0						
CBR	LP	5	1	4	dead	drape	0						
CBR	LP	5	1	4	dead	1	0						
CBR	LP	5	1	4	dead	10	0						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	componen	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft
DCBR	LP	6	0.5	0	dead	litter	0.02	327.07	6.54	2.92	0.654	29.904	1.86
DCBR	LP	6	1	1	live	foliage	0.5	36.45	0.36	0.16	0.036	0.073	0.005
DCBR	LP	6	1	1	live	1	0.5	97.13	0.97	0.43	0.097	0.194	0.012
DCBR	LP	6	1	1	live	10	0.5	553.6	5.54	2.47	0.554	1.107	0.069
DCBR	LP	6	1	1	dead	drape	0.5	5.35	0.05	0.02	0.005	0.011	0.001
DCBR	LP	6	1	1	dead	1	0.5	409.89	4.10	1.83	0.410	0.820	0.051
DCBR	LP	6	1	1	dead	10	0.5	159.16	1.59	0.71	0.159	0.318	0.020
DCBR	LP	6	1	2	live	foliage	0.5	98.43	0.98	0.44	0.098	0.197	0.012
DCBR	LP	6	1	2	live	1	0.5	180.04	1.80	0.80	0.180	0.360	0.022
DCBR	LP	6	1	2	live	10	0.5	270.33	2.70	1.21	0.270	0.541	0.034
DCBR	LP	6	1	2	dead	drape	0.5						
DCBR	LP	6	1	2	dead	1	0.5	396.75	3.97	1.77	0.397	0.794	0.050
DCBR	LP	6	1	2	dead	10	0.5	81.08	0.81	0.36	0.081	0.162	0.010
DCBR	LP	6	1	3	live	foliage	0.5	199.84	2.00	0.89	0.200	0.400	0.025
DCBR	LP	6	1	3	live	1	0.5	209.59	2.10	0.93	0.210	0.419	0.026
DCBR	LP	6	1	3	live	10	0.5	39.08	0.39	0.17	0.039	0.078	0.005
DCBR	LP	6	1	3	dead	drape	0.5						
DCBR	LP	6	1	3	dead	1	0.5	166.2	1.66	0.74	0.166	0.332	0.021
DCBR	LP	6	1	3	dead	10	0.5	12.13	0.12	0.05	0.012	0.024	0.002
DCBR	LP	6	1	4	live	foliage	0.2	13.33	0.13	0.06	0.013	0.067	0.004
DCBR	LP	6	1	4	live	1	0.2	2.78	0.03	0.01	0.003	0.014	0.001
DCBR	LP	6	1	4	live	10	0.2						
DCBR	LP	6	1	4	dead	drape	0.2						
DCBR	LP	6	1	4	dead	1	0.2						
DCBR	LP	6	1	4	dead	10	0.2						

			(m2)				(m)	net	loading			bulk density	
ite	Veg type	Plot	plot size	Layer	live/dead	componen	ayer dept	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
BR	LP	7	0.5	0	dead	litter	0.02	227.65	4.55	2.03	0.455	19.171	1.197
DCBR	LP	7	1	1	live	foliage	0.5	66.96	0.67	0.30	0.067	0.134	0.008
DCBR	LP	7	1	1	live	1	0.5	150.79	1.51	0.67	0.151	0.302	0.019
DCBR	LP	7	1	1	live	10	0.5	39.62	0.40	0.18	0.040	0.079	0.005
DCBR	LP	7	1	1	dead	drape	0.5	80.02	0.80	0.36	0.080	0.160	0.010
DCBR	LP	7	1	1	dead	1	0.5	123.92	1.24	0.55	0.124	0.248	0.015
DCBR	LP	7	1	1	dead	10	0.5	49.39	0.49	0.22	0.049	0.099	0.006
DCBR	LP	7	1	2	live	foliage	0.1	21.4	0.21	0.10	0.021	0.214	0.013
DCBR	LP	7	1	2	live	1	0.1	12.71	0.13	0.06	0.013	0.127	0.008
DCBR	LP	7	1	2	live	10	0.1						
DCBR	LP	7	1	2	dead	drape	0.1	1.3	0.01	0.01	0.001	0.013	0.001
DCBR	LP	7	1	2	dead	1	0.1	2.76	0.03	0.01	0.003	0.028	0.002
DCBR	LP	7	1	2	dead	10	0.1						
DCBR	LP	7	1	3	live	foliage	0						
DCBR	LP	7	1	3	live	1	0						
DCBR	LP	7	1	3	live	10	0						
DCBR	LP	7	1	3	dead	drape	0						
DCBR	LP	7	1	3	dead	1	0						
DCBR	LP	7	1	3	dead	10	0						
DCBR	LP	7	1	4	live	foliage	0						
DCBR	LP	7	1	4	live	1	0						
DCBR	LP	7	1	4	live	10	0						
CBR	LP	7	1	4	dead	drape	0						
CBR	LP	7	1	4	dead	1	0						
CBR	LP	7	1	4	dead	10	0						

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/f
DCBR	LP	8	0.5	0	dead	litter	0.02	372.8	7.46	3.33	0.746	35.087	2.19
DCBR	LP	8	1	1	live	foliage	0.5	108.84	1.09	0.49	0.109	0.218	0.014
DCBR	LP	8	1	1	live	1	0.5	265.68	2.66	1.18	0.266	0.531	0.033
DCBR	LP	8	1	1	live	10	0.5	488.68	4.89	2.18	0.489	0.977	0.061
DCBR	LP	8	1	1	dead	drape	0.5						
DCBR	LP	8	1	1	dead	1	0.5	797.48	7.97	3.56	0.797	1.595	0.100
DCBR	LP	8	1	1	dead	10	0.5	247.92	2.48	1.11	0.248	0.496	0.031
DCBR	LP	8	1	2	live	foliage	0.5	84.15	0.84	0.38	0.084	0.168	0.011
DCBR	LP	8	1	2	live	1	0.5	214.4	2.14	0.96	0.214	0.429	0.027
DCBR	LP	8	1	2	live	10	0.5	227.93	2.28	1.02	0.228	0.456	0.028
DCBR	LP	8	1	2	dead	drape	0.5						
DCBR	LP	8	1	2	dead	1	0.5	463.32	4.63	2.07	0.463	0.927	0.058
DCBR	LP	8	1	2	dead	10	0.5	12.04	0.12	0.05	0.012	0.024	0.002
DCBR	LP	8	1	3	live	foliage	0.5	122.85	1.23	0.55	0.123	0.246	0.015
DCBR	LP	8	1	3	live	1	0.5	159.97	1.60	0.71	0.160	0.320	0.020
DCBR	LP	8	1	3	live	10	0.5	25.77	0.26	0.11	0.026	0.052	0.003
DCBR	LP	8	1	3	dead	drape	0.5						
DCBR	LP	8	1	3	dead	1	0.5	126.84	1.27	0.57	0.127	0.254	0.016
DCBR	LP	8	1	3	dead	10	0.5						
DCBR	LP	8	1	4	live	foliage	0.2	5	0.05	0.02	0.005	0.025	0.002
DCBR	LP	8	1	4	live	1	0.2	4.91	0.05	0.02	0.005	0.025	0.002
DCBR	LP	8	1	4	live	10	0.2						
DCBR	LP	8	1	4	dead	drape	0.2						
DCBR	LP	8	1	4	dead	1	0.2						
DCBR	LP	8	1	4	dead	10	0.2						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
ite	Veg type	Plot	plot size	Layer	live/dead	componen	ayer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CBR	LP	9	0.5	0	dead	litter	0.02	295.65	5.91	2.64	0.591	26.280	1.641
DCBR	LP	9	1	1	live	foliage	0.5	156.57	1.57	0.70	0.157	0.313	0.020
DCBR	LP	9	1	1	live	1	0.5	372.02	3.72	1.66	0.372	0.744	0.046
DCBR	LP	9	1	1	live	10	0.5	178.46	1.78	0.80	0.178	0.357	0.022
DCBR	LP	9	1	1	dead	drape	0.5						
DCBR	LP	9	1	1	dead	1	0.5	690.86	6.91	3.08	0.691	1.382	0.086
DCBR	LP	9	1	1	dead	10	0.5	284.78	2.85	1.27	0.285	0.570	0.036
DCBR	LP	9	1	2	live	foliage	0.5	122.1	1.22	0.54	0.122	0.244	0.015
DCBR	LP	9	1	2	live	1	0.5	150.75	1.51	0.67	0.151	0.302	0.019
DCBR	LP	9	1	2	live	10	0.5	31.47	0.31	0.14	0.031	0.063	0.004
DCBR	LP	9	1	2	dead	drape	0.5	0.85	0.01	0.00	0.001	0.002	0.000
DCBR	LP	9	1	2	dead	1	0.5	162.17	1.62	0.72	0.162	0.324	0.020
DCBR	LP	9	1	2	dead	10	0.5	48.02	0.48	0.21	0.048	0.096	0.006
DCBR	LP	9	1	3	live	foliage	0.2	7.14	0.07	0.03	0.007	0.036	0.002
DCBR	LP	9	1	3	live	1	0.2	2.02	0.02	0.01	0.002	0.010	0.001
DCBR	LP	9	1	3	live	10	0.2						
DCBR	LP	9	1	3	dead	drape	0.2						
DCBR	LP	9	1	3	dead	1	0.2	3.15	0.03	0.01	0.003	0.016	0.001
DCBR	LP	9	1	3	dead	10	0.2						
DCBR	LP	9	1	4	live	foliage	0						
DCBR	LP	9	1	4	live	1	0						
DCBR	LP	9	1	4	live	10	0						
DCBR	LP	9	1	4	dead	drape	0						
CBR	LP	9	1	4	dead	1	0						
DCBR	LP	9	1	4	dead	10	0						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	componen	layer dept	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft
DCBR	LP	10	0.5	0	dead	litter	0.02	319.68	6.39	2.85	0.639	30.999	1.93
DCBR	LP	10	1	1	live	foliage	0.5	183.24	1.83	0.82	0.183	0.366	0.023
DCBR	LP	10	1	1	live	1	0.5	670.19	6.70	2.99	0.670	1.340	0.084
DCBR	LP	10	1	1	live	10	0.5	247.83	2.48	1.11	0.248	0.496	0.031
DCBR	LP	10	1	1	dead	drape	0.5						
DCBR	LP	10	1	1	dead	1	0.5	432.48	4.32	1.93	0.432	0.865	0.054
DCBR	LP	10	1	1	dead	10	0.5	231.18	2.31	1.03	0.231	0.462	0.029
DCBR	LP	10	1	2	live	foliage	0.5	177.94	1.78	0.79	0.178	0.356	0.022
DCBR	LP	10	1	2	live	1	0.5	262.66	2.63	1.17	0.263	0.525	0.033
DCBR	LP	10	1	2	live	10	0.5	50.35	0.50	0.22	0.050	0.101	0.006
DCBR	LP	10	1	2	dead	drape	0.5						
DCBR	LP	10	1	2	dead	1	0.5	268.83	2.69	1.20	0.269	0.538	0.034
DCBR	LP	10	1	2	dead	10	0.5	17.79	0.18	0.08	0.018	0.036	0.002
DCBR	LP	10	1	3	live	foliage	0.3	39.92	0.40	0.18	0.040	0.133	0.008
DCBR	LP	10	1	3	live	1	0.3	28.8	0.29	0.13	0.029	0.096	0.006
DCBR	LP	10	1	3	live	10	0.3						
DCBR	LP	10	1	3	dead	drape	0.3						
DCBR	LP	10	1	3	dead	1	0.3	11.95	0.12	0.05	0.012	0.040	0.002
DCBR	LP	10	1	3	dead	10	0.3						
DCBR	LP	10	1	4	live	foliage	0						
DCBR	LP	10	1	4	live	1	0						
DCBR	LP	10	1	4	live	10	0						
CBR	LP	10	1	4	dead	drape	0						
DCBR	LP	10	1	4	dead	1	0						
DCBR	LP	10	1	4	dead	10	0						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
ite	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CBR	HP	1	0.5	0	dead	litter	0.03	487.69	9.75	4.35	0.975	35.468	2.215
DCBR	HP	1	1	1	live	foliage	0.5	95.35	0.95	0.43	0.095	0.191	0.012
DCBR	HP	1	1	1	live	1	0.5	212.48	2.12	0.95	0.212	0.425	0.027
DCBR	HP	1	1	1	live	10	0.5	1170.29	11.70	5.22	1.170	2.341	0.146
DCBR	HP	1	1	1	dead	drape	0.5						
DCBR	HP	1	1	1	dead	1	0.5	231.61	2.32	1.03	0.232	0.463	0.029
DCBR	HP	1	1	1	dead	10	0.5	360.21	3.60	1.61	0.360	0.720	0.045
DCBR	HP	1	1	2	live	foliage	0.5	104.71	1.05	0.47	0.105	0.209	0.013
DCBR	HP	1	1	2	live	1	0.5	152.07	1.52	0.68	0.152	0.304	0.019
DCBR	HP	1	1	2	live	10	0.5	796.25	7.96	3.55	0.796	1.593	0.099
DCBR	HP	1	1	2	dead	drape	0.5						
DCBR	HP	1	1	2	dead	1	0.5	169.91	1.70	0.76	0.170	0.340	0.021
DCBR	HP	1	1	2	dead	10	0.5	21.98	0.22	0.10	0.022	0.044	0.003
DCBR	HP	1	1	3	live	foliage	0.5	84.6	0.85	0.38	0.085	0.169	0.011
DCBR	HP	1	1	3	live	1	0.5	119.08	1.19	0.53	0.119	0.238	0.015
DCBR	HP	1	1	3	live	10	0.5	438.98	4.39	1.96	0.439	0.878	0.055
DCBR	HP	1	1	3	dead	drape	0.5						
DCBR	HP	1	1	3	dead	1	0.5	114.76	1.15	0.51	0.115	0.230	0.014
DCBR	HP	1	1	3	dead	10	0.5	90.08	0.90	0.40	0.090	0.180	0.011
DCBR	HP	1	1	4	live	foliage	0.85	228.53	2.29	1.02	0.229	0.269	0.017
DCBR	HP	1	1	4	live	1	0.85	291.48	2.91	1.30	0.291	0.343	0.021
DCBR	HP	1	1	4	live	10	0.85	4.07	0.04	0.02	0.004	0.005	0.000
CBR	HP	1	1	4	dead	drape	0.85						
CBR	HP	1	1	4	dead	1	0.85	166.95	1.67	0.74	0.167	0.196	0.012
DCBR	HP	1	1	4	dead	10	0.85	75.1	0.75	0.33	0.075	0.088	0.006

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	componen	ayer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft
DCBR	HP	2	0.5	0	dead	litter	0.03	581.34	11.63	5.19	1.163	43.263	2.702
DCBR	HP	2	1	1	live	foliage	0.5	103.73	1.04	0.46	0.104	0.207	0.013
DCBR	HP	2	1	1	live	1	0.5	257.32	2.57	1.15	0.257	0.515	0.032
DCBR	HP	2	1	1	live	10	0.5	1078.03	10.78	4.81	1.078	2.156	0.135
DCBR	HP	2	1	1	dead	drape	0.5	52.74	0.53	0.24	0.053	0.105	0.007
DCBR	HP	2	1	1	dead	1	0.5	246.56	2.47	1.10	0.247	0.493	0.031
DCBR	HP	2	1	1	dead	10	0.5	139.71	1.40	0.62	0.140	0.279	0.017
DCBR	HP	2	1	2	live	foliage	0.5	100.67	1.01	0.45	0.101	0.201	0.013
DCBR	HP	2	1	2	live	1	0.5	178.06	1.78	0.79	0.178	0.356	0.022
DCBR	HP	2	1	2	live	10	0.5	759.73	7.60	3.39	0.760	1.519	0.095
DCBR	HP	2	1	2	dead	drape	0.5	13.92	0.14	0.06	0.014	0.028	0.002
DCBR	HP	2	1	2	dead	1	0.5	225.89	2.26	1.01	0.226	0.452	0.028
DCBR	HP	2	1	2	dead	10	0.5	134.25	1.34	0.60	0.134	0.269	0.017
DCBR	HP	2	1	3	live	foliage	0.5	59.86	0.60	0.27	0.060	0.120	0.007
DCBR	HP	2	1	3	live	1	0.5	154.48	1.54	0.69	0.154	0.309	0.019
DCBR	HP	2	1	3	live	10	0.5	587.7	5.88	2.62	0.588	1.175	0.073
DCBR	HP	2	1	3	dead	drape	0.5						
DCBR	HP	2	1	3	dead	1	0.5	137.59	1.38	0.61	0.138	0.275	0.017
DCBR	HP	2	1	3	dead	10	0.5	27.04	0.27	0.12	0.027	0.054	0.003
DCBR	HP	2	1	4	live	foliage	0.86	247.91	2.48	1.11	0.248	0.288	0.018
DCBR	HP	2	1	4	live	1	0.86	566.49	5.66	2.53	0.566	0.659	0.041
DCBR	HP	2	1	4	live	10	0.86	133.05	1.33	0.59	0.133	0.155	0.010
DCBR	HP	2	1	4	dead	drape	0.86						
DCBR	HP	2	1	4	dead	1	0.86	134.63	1.35	0.60	0.135	0.157	0.01
DCBR	HP	2	1	4	dead	10	0.86						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	componen	layer dept	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CBR	HP	3	0.5	0	dead	litter	0.03	263.23	5.26	2.35	0.526	19.589	1.223
DCBR	HP	3	1	1	live	foliage	0.5	32.9	0.33	0.15	0.033	0.066	0.004
DCBR	HP	3	1	1	live	1	0.5	173.77	1.74	0.78	0.174	0.348	0.022
DCBR	HP	3	1	1	live	10	0.5	536.86	5.37	2.39	0.537	1.074	0.067
DCBR	HP	3	1	1	dead	drape	0.5						
DCBR	HP	3	1	1	dead	1	0.5	285.17	2.85	1.27	0.285	0.570	0.036
DCBR	HP	3	1	1	dead	10	0.5	78.69	0.79	0.35	0.079	0.157	0.010
DCBR	HP	3	1	2	live	foliage	0.5	122.37	1.22	0.55	0.122	0.245	0.015
DCBR	HP	3	1	2	live	1	0.5	243.39	2.43	1.09	0.243	0.487	0.030
DCBR	HP	3	1	2	live	10	0.5	297.41	2.97	1.33	0.297	0.595	0.037
DCBR	HP	3	1	2	dead	drape	0.5						
DCBR	HP	3	1	2	dead	1	0.5	253.84	2.54	1.13	0.254	0.508	0.032
DCBR	HP	3	1	2	dead	10	0.5	139.94	1.40	0.62	0.140	0.280	0.017
DCBR	HP	3	1	3	live	foliage	0.5	248.22	2.48	1.11	0.248	0.496	0.031
DCBR	HP	3	1	3	live	1	0.5	393.71	3.94	1.76	0.394	0.787	0.049
DCBR	HP	3	1	3	live	10	0.5	65.47	0.65	0.29	0.065	0.131	0.008
DCBR	HP	3	1	3	dead	drape	0.5						
DCBR	HP	3	1	3	dead	1	0.5	295.35	2.95	1.32	0.295	0.591	0.037
DCBR	HP	3	1	3	dead	10	0.5	8.22	0.08	0.04	0.008	0.016	0.001
DCBR	HP	3	1	4	live	foliage	0.26	67.26	0.67	0.30	0.067	0.259	0.016
DCBR	HP	3	1	4	live	1	0.26	29.63	0.30	0.13	0.030	0.114	0.007
DCBR	HP	3	1	4	live	10	0.26						
DCBR	HP	3	1	4	dead	drape	0.26						
DCBR	HP	3	1	4	dead	1	0.26	3.81	0.04	0.02	0.004	0.015	0.001
DCBR	HP	3	1	4	dead	10	0.26						

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
DCBR	HP	4	0.5	0	dead	litter	0.02	530.98	10.62	4.74	1.062	44.714	2.793
DCBR	HP	4	1	1	live	foliage	0.5	94.45	0.94	0.42	0.094	0.189	0.012
DCBR	HP	4	1	1	live	1	0.5	239.39	2.39	1.07	0.239	0.479	0.030
DCBR	HP	4	1	1	live	10	0.5	625.31	6.25	2.79	0.625	1.251	0.078
DCBR	HP	4	1	1	dead	drape	0.5						
DCBR	HP	4	1	1	dead	1	0.5	289.62	2.90	1.29	0.290	0.579	0.036
DCBR	HP	4	1	1	dead	10	0.5	77.08	0.77	0.34	0.077	0.154	0.010
DCBR	HP	4	1	2	live	foliage	0.5	126.38	1.26	0.56	0.126	0.253	0.016
DCBR	HP	4	1	2	live	1	0.5	261.67	2.62	1.17	0.262	0.523	0.033
DCBR	HP	4	1	2	live	10	0.5	206.96	2.07	0.92	0.207	0.414	0.026
DCBR	HP	4	1	2	dead	drape	0.5						
DCBR	HP	4	1	2	dead	1	0.5	249.83	2.50	1.11	0.250	0.500	0.031
DCBR	HP	4	1	2	dead	10	0.5	82.76	0.83	0.37	0.083	0.166	0.010
DCBR	HP	4	1	3	live	foliage	0.5	286.85	2.87	1.28	0.287	0.574	0.036
DCBR	HP	4	1	3	live	1	0.5	404.54	4.05	1.80	0.405	0.809	0.051
DCBR	HP	4	1	3	live	10	0.5	50.12	0.50	0.22	0.050	0.100	0.006
DCBR	HP	4	1	3	dead	drape	0.5						
DCBR	HP	4	1	3	dead	1	0.5	147.43	1.47	0.66	0.147	0.295	0.018
DCBR	HP	4	1	3	dead	10	0.5						
DCBR	HP	4	1	4	live	foliage	0.15	91.2	0.91	0.41	0.091	0.608	0.038
DCBR	HP	4	1	4	live	1	0.15	34.32	0.34	0.15	0.034	0.229	0.014
DCBR	HP	4	1	4	live	10	0.15						
CBR	HP	4	1	4	dead	drape	0.15						
DCBR	HP	4	1	4	dead	1	0.15	3.59	0.04	0.02	0.004	0.024	0.00
DCBR	HP	4	1	4	dead	10	0.15						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
ite	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CBR	HP	5	0.5	0	dead	litter	0.03	587.39	11.75	5.24	1.175	43.713	2.730
DCBR	HP	5	1	1	live	foliage	0.5	225.58	2.26	1.01	0.226	0.451	0.028
DCBR	HP	5	1	1	live	1	0.5	320.86	3.21	1.43	0.321	0.642	0.040
DCBR	HP	5	1	1	live	10	0.5	63.18	0.63	0.28	0.063	0.126	0.008
DCBR	HP	5	1	1	dead	drape	0.5						
DCBR	HP	5	1	1	dead	1	0.5	234.89	2.35	1.05	0.235	0.470	0.029
DCBR	HP	5	1	1	dead	10	0.5	38.83	0.39	0.17	0.039	0.078	0.005
DCBR	HP	5	1	2	live	foliage	0.5	70.34	0.70	0.31	0.070	0.141	0.009
DCBR	HP	5	1	2	live	1	0.5	69.15	0.69	0.31	0.069	0.138	0.009
DCBR	HP	5	1	2	live	10	0.5	9.19	0.09	0.04	0.009	0.018	0.001
DCBR	HP	5	1	2	dead	drape	0.5						
DCBR	HP	5	1	2	dead	1	0.5	62.65	0.63	0.28	0.063	0.125	0.008
DCBR	HP	5	1	2	dead	10	0.5						
DCBR	HP	5	1	3	live	foliage	0						
DCBR	HP	5	1	3	live	1	0						
DCBR	HP	5	1	3	live	10	0						
DCBR	HP	5	1	3	dead	drape	0						
DCBR	HP	5	1	3	dead	1	0						
DCBR	HP	5	1	3	dead	10	0						
DCBR	HP	5	1	4	live	foliage	0						
DCBR	HP	5	1	4	live	1	0						
DCBR	HP	5	1	4	live	10	0						
CBR	HP	5	1	4	dead	drape	0						
CBR	HP	5	1	4	dead	1	0						
DCBR	HP	5	1	4	dead	10	0						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
DCBR	HP	6	0.5	0	dead	litter	0.03	346.96	6.94	3.09	0.694	21.351	1.334
DCBR	HP	6	1	1	live	foliage	0.5	58.33	0.58	0.26	0.058	0.117	0.007
DCBR	HP	6	1	1	live	1	0.5	231.72	2.32	1.03	0.232	0.463	0.029
DCBR	HP	6	1	1	live	10	0.5	104.14	1.04	0.46	0.104	0.208	0.013
DCBR	HP	6	1	1	dead	drape	0.5						
DCBR	HP	6	1	1	dead	1	0.5	178.58	1.79	0.80	0.179	0.357	0.022
DCBR	HP	6	1	1	dead	10	0.5	222.19	2.22	0.99	0.222	0.444	0.028
DCBR	HP	6	1	2	live	foliage	0.5	68.48	0.68	0.31	0.068	0.137	0.009
DCBR	HP	6	1	2	live	1	0.5	35.51	0.36	0.16	0.036	0.071	0.004
DCBR	HP	6	1	2	live	10	0.5	635.45	6.35	2.83	0.635	1.271	0.079
DCBR	HP	6	1	2	dead	drape	0.5						
DCBR	HP	6	1	2	dead	1	0.5	43.78	0.44	0.20	0.044	0.088	0.005
DCBR	HP	6	1	2	dead	10	0.5	126.15	1.26	0.56	0.126	0.252	0.016
DCBR	HP	6	1	3	live	foliage	0.5						
DCBR	HP	6	1	3	live	1	0.5	22.38	0.22	0.10	0.022	0.045	0.003
DCBR	HP	6	1	3	live	10	0.5	971.8	9.72	4.33	0.972	1.944	0.121
DCBR	HP	6	1	3	dead	drape	0.5						
DCBR	HP	6	1	3	dead	1	0.5	61.42	0.61	0.27	0.061	0.123	0.008
DCBR	HP	6	1	3	dead	10	0.5	105.12	1.05	0.47	0.105	0.210	0.013
DCBR	HP	6	1	4	live	foliage	1.2	507.93	5.08	2.27	0.508	0.423	0.026
DCBR	HP	6	1	4	live	1	1.2	752.17	7.52	3.35	0.752	0.627	0.039
DCBR	HP	6	1	4	live	10	1.2	749.15	7.49	3.34	0.749	0.624	0.039
DCBR	HP	6	1	4	dead	drape	1.2						
DCBR	HP	6	1	4	dead	1	1.2	229.6	2.30	1.02	0.230	0.191	0.01
DCBR	HP	6	1	4	dead	10	1.2	22.52	0.23	0.10	0.023	0.019	0.001

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
ite	Veg type	Plot	plot size	Layer	live/dead	componen	layer dept	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CBR	HP	7	0.5	0	dead	litter	0.01	585.96	11.72	5.23	1.172	104.171	6.506
DCBR	HP	7	1	1	live	foliage	0.5	84.62	0.85	0.38	0.085	0.169	0.011
DCBR	HP	7	1	1	live	1	0.5	162.25	1.62	0.72	0.162	0.325	0.020
DCBR	HP	7	1	1	live	10	0.5	882.65	8.83	3.94	0.883	1.765	0.110
DCBR	HP	7	1	1	dead	drape	0.5	1.47	0.01	0.01	0.001	0.003	0.000
DCBR	HP	7	1	1	dead	1	0.5	94.86	0.95	0.42	0.095	0.190	0.012
DCBR	HP	7	1	1	dead	10	0.5	237.78	2.38	1.06	0.238	0.476	0.030
DCBR	HP	7	1	2	live	foliage	0.5	75.17	0.75	0.34	0.075	0.150	0.009
DCBR	HP	7	1	2	live	1	0.5	94.22	0.94	0.42	0.094	0.188	0.012
DCBR	HP	7	1	2	live	10	0.5	643.82	6.44	2.87	0.644	1.288	0.080
DCBR	HP	7	1	2	dead	drape	0.5						
DCBR	HP	7	1	2	dead	1	0.5	104.8	1.05	0.47	0.105	0.210	0.013
DCBR	HP	7	1	2	dead	10	0.5	79.78	0.80	0.36	0.080	0.160	0.010
DCBR	HP	7	1	3	live	foliage	0.5	100.24	1.00	0.45	0.100	0.200	0.013
DCBR	HP	7	1	3	live	1	0.5	281.63	2.82	1.26	0.282	0.563	0.035
DCBR	HP	7	1	3	live	10	0.5	333.21	3.33	1.49	0.333	0.666	0.042
DCBR	HP	7	1	3	dead	drape	0.5						
DCBR	HP	7	1	3	dead	1	0.5	147.52	1.48	0.66	0.148	0.295	0.018
DCBR	HP	7	1	3	dead	10	0.5						
DCBR	HP	7	1	4	live	foliage	0.75	294.91	2.95	1.32	0.295	0.393	0.025
DCBR	HP	7	1	4	live	1	0.75	340.52	3.41	1.52	0.341	0.454	0.028
DCBR	HP	7	1	4	live	10	0.75	104.09	1.04	0.46	0.104	0.139	0.009
CBR	HP	7	1	4	dead	drape	0.75						
CBR	HP	7	1	4	dead	1	0.75	1.4	0.01	0.01	0.001	0.002	0.000
DCBR	HP	7	1	4	dead	10	0.75	79.37	0.79	0.35	0.079	0.106	0.007

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net		loading		bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft
DCBR	HP	8	0.5	0	dead	litter	0.03	319.96	6.40	2.85	0.640	21.692	1.35
DCBR	HP	8	1	1	live	foliage	0.5	241.56	2.42	1.08	0.242	0.483	0.030
DCBR	HP	8	1	1	live	1	0.5	172.59	1.73	0.77	0.173	0.345	0.022
DCBR	HP	8	1	1	live	10	0.5	758.36	7.58	3.38	0.758	1.517	0.095
DCBR	HP	8	1	1	dead	drape	0.5	2.1	0.02	0.01	0.002	0.004	0.000
DCBR	HP	8	1	1	dead	1	0.5	130.77	1.31	0.58	0.131	0.262	0.016
DCBR	HP	8	1	1	dead	10	0.5	56.89	0.57	0.25	0.057	0.114	0.007
DCBR	HP	8	1	2	live	foliage	0.5	49.34	0.49	0.22	0.049	0.099	0.006
DCBR	HP	8	1	2	live	1	0.5	26	0.26	0.12	0.026	0.052	0.003
DCBR	HP	8	1	2	live	10	0.5	806.56	8.07	3.60	0.807	1.613	0.101
DCBR	HP	8	1	2	dead	drape	0.5						
DCBR	HP	8	1	2	dead	1	0.5	10.16	0.10	0.05	0.010	0.020	0.001
DCBR	HP	8	1	2	dead	10	0.5	4.6	0.05	0.02	0.005	0.009	0.001
DCBR	HP	8	1	3	live	foliage	0.5	56.11	0.56	0.25	0.056	0.112	0.007
DCBR	HP	8	1	3	live	1	0.5	42.14	0.42	0.19	0.042	0.084	0.005
DCBR	HP	8	1	3	live	10	0.5	917.03	9.17	4.09	0.917	1.834	0.115
DCBR	HP	8	1	3	dead	drape	0.5						
DCBR	HP	8	1	3	dead	1	0.5	60.65	0.61	0.27	0.061	0.121	0.008
DCBR	HP	8	1	3	dead	10	0.5	34.63	0.35	0.15	0.035	0.069	0.004
DCBR	HP	8	1	4	live	foliage	2.2	299.68	3.00	1.34	0.300	0.136	0.009
DCBR	HP	8	1	4	live	1	2.2	630.85	6.31	2.81	0.631	0.287	0.018
DCBR	HP	8	1	4	live	10	2.2	1795	17.95	8.01	1.795	0.816	0.051
DCBR	HP	8	1	4	dead	drape	2.2						
DCBR	HP	8	1	4	dead	1	2.2	150.02	1.50	0.67	0.150	0.068	0.0
DCBR	HP	8	1	4	dead	10	2.2	79.17	0.79	0.35	0.079	0.036	0.0

			(m2)				(m)	net	loading			bulk density	
ite	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
CBR	HP	9	0.5	0	dead	litter	0.03	327.03	6.54	2.92	0.654	26.032	1.626
DCBR	HP	9	1	1	live	foliage	0.5	24.59	0.25	0.11	0.025	0.049	0.003
DCBR	HP	9	1	1	live	1	0.5	85.27	0.85	0.38	0.085	0.171	0.011
DCBR	HP	9	1	1	live	10	0.5	546.67	5.47	2.44	0.547	1.093	0.068
DCBR	HP	9	1	1	dead	drape	0.5						
DCBR	HP	9	1	1	dead	1	0.5	134.22	1.34	0.60	0.134	0.268	0.017
DCBR	HP	9	1	1	dead	10	0.5	270.07	2.70	1.20	0.270	0.540	0.034
DCBR	HP	9	1	2	live	foliage	0.5	109.16	1.09	0.49	0.109	0.218	0.014
DCBR	HP	9	1	2	live	1	0.5	100.97	1.01	0.45	0.101	0.202	0.013
DCBR	HP	9	1	2	live	10	0.5	663.57	6.64	2.96	0.664	1.327	0.083
DCBR	HP	9	1	2	dead	drape	0.5						
DCBR	HP	9	1	2	dead	1	0.5	73.55	0.74	0.33	0.074	0.147	0.009
DCBR	HP	9	1	2	dead	10	0.5	111.52	1.12	0.50	0.112	0.223	0.014
DCBR	HP	9	1	3	live	foliage	0.5	35.45	0.35	0.16	0.035	0.071	0.004
DCBR	HP	9	1	3	live	1	0.5	40.31	0.40	0.18	0.040	0.081	0.005
DCBR	HP	9	1	3	live	10	0.5	643.25	6.43	2.87	0.643	1.287	0.080
DCBR	HP	9	1	3	dead	drape	0.5						
DCBR	HP	9	1	3	dead	1	0.5	134.64	1.35	0.60	0.135	0.269	0.017
DCBR	HP	9	1	3	dead	10	0.5	50.79	0.51	0.23	0.051	0.102	0.006
DCBR	HP	9	1	4	live	foliage	1.05	449.39	4.49	2.00	0.449	0.428	0.027
DCBR	HP	9	1	4	live	1	1.05	768.69	7.69	3.43	0.769	0.732	0.046
DCBR	HP	9	1	4	live	10	1.05	438.8	4.39	1.96	0.439	0.418	0.026
CBR	HP	9	1	4	dead	drape	1.05						
CBR	HP	9	1	4	dead	1	1.05	293.33	2.93	1.31	0.293	0.279	0.017
DCBR	HP	9	1	4	dead	10	1.05	6.31	0.06	0.03	0.006	0.006	0.000

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
DCBR	HP	10	0.5	0	dead	litter	0.03	280.28	5.61	2.50	0.561	20.477	1.279
DCBR	HP	10	1	1	live	foliage	0.5	21.37	0.21	0.10	0.021	0.043	0.003
DCBR	HP	10	1	1	live	1	0.5	36.84	0.37	0.16	0.037	0.074	0.005
DCBR	HP	10	1	1	live	10	0.5	770.1	7.70	3.43	0.770	1.540	0.096
DCBR	HP	10	1	1	dead	drape	0.5						
DCBR	HP	10	1	1	dead	1	0.5	55.73	0.56	0.25	0.056	0.111	0.007
DCBR	HP	10	1	1	dead	10	0.5	136.98	1.37	0.61	0.137	0.274	0.017
DCBR	HP	10	1	2	live	foliage	0.5	48.46	0.48	0.22	0.048	0.097	0.006
DCBR	HP	10	1	2	live	1	0.5	74.14	0.74	0.33	0.074	0.148	0.009
DCBR	HP	10	1	2	live	10	0.5	801.23	8.01	3.57	0.801	1.602	0.100
DCBR	HP	10	1	2	dead	drape	0.5						
DCBR	HP	10	1	2	dead	1	0.5	68.14	0.68	0.30	0.068	0.136	0.009
DCBR	HP	10	1	2	dead	10	0.5	84.21	0.84	0.38	0.084	0.168	0.011
DCBR	HP	10	1	3	live	foliage	0.5	62.25	0.62	0.28	0.062	0.125	0.008
DCBR	HP	10	1	3	live	1	0.5	67.35	0.67	0.30	0.067	0.135	0.008
DCBR	HP	10	1	3	live	10	0.5	752.96	7.53	3.36	0.753	1.506	0.094
DCBR	HP	10	1	3	dead	drape	0.5						
DCBR	HP	10	1	3	dead	1	0.5	154.88	1.55	0.69	0.155	0.310	0.019
DCBR	HP	10	1	3	dead	10	0.5						
DCBR	HP	10	1	4	live	foliage	1.6	407.48	4.07	1.82	0.407	0.255	0.016
DCBR	HP	10	1	4	live	1	1.6	544.79	5.45	2.43	0.545	0.340	0.021
DCBR	HP	10	1	4	live	10	1.6	479.27	4.79	2.14	0.479	0.300	0.019
DCBR	HP	10	1	4	dead	drape	1.6						
DCBR	HP	10	1	4	dead	1	1.6	182.86	1.83	0.82	0.183	0.114	0.0
DCBR	HP	10	1	4	dead	10	1.6						

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
DCBR	PPW	AF1	0.5	0	dead	litter	0.04	296.43	5.93	2.64	0.593	13.950	0.871
DCBR	PPW	AF1	4	1	live	foliage	0.5	46.53	0.12	0.05	0.012	0.338	0.021
DCBR	PPW	AF1	4	1	live	1	0.5	123.47	0.31	0.14	0.031	0.823	0.051
DCBR	PPW	AF1	4	1	live	10	0.5	158.17	0.40	0.18	0.040	1.194	0.075
DCBR	PPW	AF1	4	1	dead	drape	0.5	392.6	0.98	0.44	0.098	2.344	0.146
DCBR	PPW	AF1	4	1	dead	1	0.5	232.59	0.58	0.26	0.058	1.477	0.092
DCBR	PPW	AF1	4	1	dead	10	0.5	217.12	0.54	0.24	0.054	1.259	0.079
DCBR	PPW	AF1	4	2	live	foliage	0.5	149.75	0.37	0.17	0.037	1.248	0.078
DCBR	PPW	AF1	4	2	live	1	0.5	151.53	0.38	0.17	0.038	0.866	0.054
DCBR	PPW	AF1	4	2	live	10	0.5	812.57	2.03	0.91	0.203	4.452	0.278
DCBR	PPW	AF1	4	2	dead	drape	0.5	154.43	0.39	0.17	0.039	0.077	0.005
DCBR	PPW	AF1	4	2	dead	1	0.5	150.03	0.38	0.17	0.038	0.075	0.005
DCBR	PPW	AF1	4	2	dead	10	0.5	307.66	0.77	0.34	0.077	0.154	0.010
DCBR	PPW	AF1	4	3	live	foliage	0.5	141.34	0.35	0.16	0.035	0.071	0.004
DCBR	PPW	AF1	4	3	live	1	0.5	71.93	0.18	0.08	0.018	0.036	0.002
DCBR	PPW	AF1	4	3	live	10	0.5	153.91	0.38	0.17	0.038	0.077	0.005
DCBR	PPW	AF1	4	3	dead	drape	0.5	68.54	0.17	0.08	0.017	0.034	0.002
DCBR	PPW	AF1	4	3	dead	1	0.5	17.19	0.04	0.02	0.004	0.009	0.001
DCBR	PPW	AF1	4	3	dead	10	0.5	19.24	0.05	0.02	0.005	0.010	0.001
DCBR	PPW	AF1	4	4	live	foliage	0.5	121.45	0.30	0.14	0.030	0.061	0.004
DCBR	PPW	AF1	4	4	live	1	0.5	71.74	0.18	0.08	0.018	0.036	0.002
DCBR	PPW	AF1	4	4	live	10	0.5	33.51	0.08	0.04	0.008	0.017	0.001
DCBR	PPW	AF1	4	4	dead	drape	0.5	64.64	0.16	0.07	0.016	0.032	0.002
DCBR	PPW	AF1	4	4	dead	1	0.5						
DCBR	PPW	AF1	4	4	dead	10	0.5						

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
DCBR	PPW	AF2	0.5	0	dead	litter	0.03	366.17	7.32	3.27	0.732	21.304	1.331
DCBR	PPW	AF2	4	1	live	foliage	0.5	8.86	0.02	0.01	0.002	0.004	0.000
DCBR	PPW	AF2	4	1	live	1	0.5	45	0.11	0.05	0.011	0.023	0.001
DCBR	PPW	AF2	4	1	live	10	0.5	32.85	0.08	0.04	0.008	0.016	0.001
DCBR	PPW	AF2	4	1	dead	drape	0.5	30.16	0.08	0.03	0.008	0.015	0.001
DCBR	PPW	AF2	4	1	dead	1	0.5	36.14	0.09	0.04	0.009	0.018	0.001
DCBR	PPW	AF2	4	1	dead	10	0.5	129.51	0.32	0.14	0.032	0.065	0.004
DCBR	PPW	AF2	4	2	live	foliage	0.5						
DCBR	PPW	AF2	4	2	live	1	0.5	6.47	0.02	0.01	0.002	0.003	0.000
DCBR	PPW	AF2	4	2	live	10	0.5	159.5	0.40	0.18	0.040	0.080	0.005
DCBR	PPW	AF2	4	2	dead	drape	0.5						
DCBR	PPW	AF2	4	2	dead	1	0.5	5.73	0.01	0.01	0.001	0.003	0.000
DCBR	PPW	AF2	4	2	dead	10	0.5	6.75	0.02	0.01	0.002	0.003	0.000
DCBR	PPW	AF2	4	3	live	foliage	0.5	0.8	0.00	0.00	0.000	0.000	0.000
DCBR	PPW	AF2	4	3	live	1	0.5	3.32	0.01	0.00	0.001	0.002	0.000
DCBR	PPW	AF2	4	3	live	10	0.5	264.23	0.66	0.29	0.066	0.132	0.008
DCBR	PPW	AF2	4	3	dead	drape	0.5						
DCBR	PPW	AF2	4	3	dead	1	0.5	5.04	0.01	0.01	0.001	0.003	0.000
DCBR	PPW	AF2	4	3	dead	10	0.5						
DCBR	PPW	AF2	4	4	live	foliage	1.85	14.36	0.04	0.02	0.004	0.002	0.000
DCBR	PPW	AF2	4	4	live	1	1.85	166.14	0.42	0.19	0.042	0.022	0.001
DCBR	PPW	AF2	4	4	live	10	1.85	362.08	0.91	0.40	0.091	0.049	0.003
CBR	PPW	AF2	4	4	dead	drape	1.85	26.12	0.07	0.03	0.007	0.004	0.000
DCBR	PPW	AF2	4	4	dead	1	1.85	83.85	0.21	0.09	0.021	0.011	0.001
DCBR	PPW	AF2	4	4	dead	10	1.85	180.31	0.45	0.20	0.045	0.024	0.002

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
DCBR	PPW	AF3	0.5	0	dead	litter	0.04	297.53	5.95	2.65	0.595	15.868	0.991
DCBR	PPW	AF3	4	1	live	foliage	0.5	109.85	0.27	0.12	0.027	0.055	0.003
DCBR	PPW	AF3	4	1	live	1	0.5	329.33	0.82	0.37	0.082	0.165	0.010
DCBR	PPW	AF3	4	1	live	10	0.5	188.35	0.47	0.21	0.047	0.094	0.006
DCBR	PPW	AF3	4	1	dead	drape	0.5	208.52	0.52	0.23	0.052	0.104	0.007
DCBR	PPW	AF3	4	1	dead	1	0.5	328.03	0.82	0.37	0.082	0.164	0.010
DCBR	PPW	AF3	4	1	dead	10	0.5	521.46	1.30	0.58	0.130	0.261	0.016
DCBR	PPW	AF3	4	2	live	foliage	0.5	78.94	0.20	0.09	0.020	0.039	0.002
DCBR	PPW	AF3	4	2	live	1	0.5	230.94	0.58	0.26	0.058	0.115	0.007
DCBR	PPW	AF3	4	2	live	10	0.5	62.62	0.16	0.07	0.016	0.031	0.002
DCBR	PPW	AF3	4	2	dead	drape	0.5	40.62	0.10	0.05	0.010	0.020	0.001
DCBR	PPW	AF3	4	2	dead	1	0.5	121.72	0.30	0.14	0.030	0.061	0.004
DCBR	PPW	AF3	4	2	dead	10	0.5	185.54	0.46	0.21	0.046	0.093	0.006
DCBR	PPW	AF3	4	3	live	foliage	0.5	12.97	0.03	0.01	0.003	0.006	0.000
DCBR	PPW	AF3	4	3	live	1	0.5	27.39	0.07	0.03	0.007	0.014	0.001
DCBR	PPW	AF3	4	3	live	10	0.5	7.18	0.02	0.01	0.002	0.004	0.000
DCBR	PPW	AF3	4	3	dead	drape	0.5						
DCBR	PPW	AF3	4	3	dead	1	0.5	18.71	0.05	0.02	0.005	0.009	0.001
DCBR	PPW	AF3	4	3	dead	10	0.5	18.41	0.05	0.02	0.005	0.009	0.001
DCBR	PPW	AF3	4	4	live	foliage	0.8						
DCBR	PPW	AF3	4	4	live	1	0.8	71.3	0.18	0.08	0.018	0.022	0.001
DCBR	PPW	AF3	4	4	live	10	0.8	12.99	0.03	0.01	0.003	0.004	0.000
DCBR	PPW	AF3	4	4	dead	drape	0.8	6.99	0.02	0.01	0.002	0.002	0.000
DCBR	PPW	AF3	4	4	dead	1	0.8	12.88	0.03	0.01	0.003	0.004	0.000
DCBR	PPW	AF3	4	4	dead	10	0.8	32.41	0.08	0.04	0.008	0.010	0.001

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
DCBR	PPW	AF4	0.5	0	dead	litter	0.03	424.47	8.49	3.79	0.849	25.628	1.601
DCBR	PPW	AF4	4	1	live	foliage	0.5	36.96	0.09	0.04	0.009	0.018	0.001
DCBR	PPW	AF4	4	1	live	1	0.5	92.86	0.23	0.10	0.023	0.046	0.003
DCBR	PPW	AF4	4	1	live	10	0.5	94.32	0.24	0.11	0.024	0.047	0.003
DCBR	PPW	AF4	4	1	dead	drape	0.5	159.91	0.40	0.18	0.040	0.080	0.005
DCBR	PPW	AF4	4	1	dead	1	0.5	152.75	0.38	0.17	0.038	0.076	0.005
DCBR	PPW	AF4	4	1	dead	10	0.5	211.8	0.53	0.24	0.053	0.106	0.007
DCBR	PPW	AF4	4	2	live	foliage	0.5	47.91	0.12	0.05	0.012	0.024	0.001
DCBR	PPW	AF4	4	2	live	1	0.5	109.17	0.27	0.12	0.027	0.055	0.003
DCBR	PPW	AF4	4	2	live	10	0.5	376.87	0.94	0.42	0.094	0.188	0.012
DCBR	PPW	AF4	4	2	dead	drape	0.5	36.86	0.09	0.04	0.009	0.018	0.001
DCBR	PPW	AF4	4	2	dead	1	0.5	42.66	0.11	0.05	0.011	0.021	0.001
DCBR	PPW	AF4	4	2	dead	10	0.5	272.9	0.68	0.30	0.068	0.136	0.009
DCBR	PPW	AF4	4	3	live	foliage	0.5	36.12	0.09	0.04	0.009	0.018	0.001
DCBR	PPW	AF4	4	3	live	1	0.5	51.4	0.13	0.06	0.013	0.026	0.002
DCBR	PPW	AF4	4	3	live	10	0.5	54.69	0.14	0.06	0.014	0.027	0.002
DCBR	PPW	AF4	4	3	dead	drape	0.5	10.36	0.03	0.01	0.003	0.005	0.000
DCBR	PPW	AF4	4	3	dead	1	0.5	12.28	0.03	0.01	0.003	0.006	0.000
DCBR	PPW	AF4	4	3	dead	10	0.5	102.6	0.26	0.11	0.026	0.051	0.003
DCBR	PPW	AF4	4	4	live	foliage	0.5	34.52	0.09	0.04	0.009	0.017	0.001
DCBR	PPW	AF4	4	4	live	1	0.5	17.77	0.04	0.02	0.004	0.009	0.001
DCBR	PPW	AF4	4	4	live	10	0.5						
DCBR	PPW	AF4	4	4	dead	drape	0.5	3.52	0.01	0.00	0.001	0.002	0.000
DCBR	PPW	AF4	4	4	dead	1	0.5	1.71	0.00	0.00	0.000	0.001	0.000
DCBR	PPW	AF4	4	4	dead	10	0.5						

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer dept	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
DCBR	PPW	AF5	0.5	0	dead	litter	0.04	362.44	7.25	3.23	0.725	17.311	1.081
DCBR	PPW	AF5	4	1	live	foliage	0.5	18.2	0.05	0.02	0.005	0.009	0.001
DCBR	PPW	AF5	4	1	live	1	0.5	39.29	0.10	0.04	0.010	0.020	0.001
DCBR	PPW	AF5	4	1	live	10	0.5	32.97	0.08	0.04	0.008	0.016	0.001
DCBR	PPW	AF5	4	1	dead	drape	0.5	14.37	0.04	0.02	0.004	0.007	0.000
DCBR	PPW	AF5	4	1	dead	1	0.5	86.79	0.22	0.10	0.022	0.043	0.003
DCBR	PPW	AF5	4	1	dead	10	0.5	343.89	0.86	0.38	0.086	0.172	0.011
DCBR	PPW	AF5	4	2	live	foliage	0.5						
DCBR	PPW	AF5	4	2	live	1	0.5	3.62	0.01	0.00	0.001	0.002	0.000
DCBR	PPW	AF5	4	2	live	10	0.5	300.13	0.75	0.33	0.075	0.150	0.009
DCBR	PPW	AF5	4	2	dead	drape	0.5						
DCBR	PPW	AF5	4	2	dead	1	0.5	54.02	0.14	0.06	0.014	0.027	0.002
DCBR	PPW	AF5	4	2	dead	10	0.5	158.96	0.40	0.18	0.040	0.079	0.005
DCBR	PPW	AF5	4	3	live	foliage	0.5	10.15	0.03	0.01	0.003	0.005	0.000
DCBR	PPW	AF5	4	3	live	1	0.5	21.64	0.05	0.02	0.005	0.011	0.001
DCBR	PPW	AF5	4	3	live	10	0.5	477.15	1.19	0.53	0.119	0.239	0.015
DCBR	PPW	AF5	4	3	dead	drape	0.5	8.27	0.02	0.01	0.002	0.004	0.000
DCBR	PPW	AF5	4	3	dead	1	0.5	106.18	0.27	0.12	0.027	0.053	0.003
DCBR	PPW	AF5	4	3	dead	10	0.5	359.31	0.90	0.40	0.090	0.180	0.011
DCBR	PPW	AF5	4	4	live	foliage	0.8						
DCBR	PPW	AF5	4	4	live	1	0.8	293.5	0.73	0.33	0.073	0.092	0.006
DCBR	PPW	AF5	4	4	live	10	0.8	513.02	1.28	0.57	0.128	0.160	0.010
DCBR	PPW	AF5	4	4	dead	drape	0.8	50.01	0.13	0.06	0.013	0.016	0.001
DCBR	PPW	AF5	4	4	dead	1	0.8	70.56	0.18	0.08	0.018	0.022	0.001
DCBR	PPW	AF5	4	4	dead	10	0.8	168.17	0.42	0.19	0.042	0.053	0.003

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
DCBR	PPW	WF1	0.5	0	dead	litter	0.04	276.97	5.54	2.47	0.554	14.068	0.879
DCBR	PPW	WF1	4	1	live	foliage	0.5	57.17	0.14	0.06	0.014	0.029	0.002
DCBR	PPW	WF1	4	1	live	1	0.5	204.4	0.51	0.23	0.051	0.102	0.006
DCBR	PPW	WF1	4	1	live	10	0.5	737.59	1.84	0.82	0.184	0.369	0.023
DCBR	PPW	WF1	4	1	dead	drape	0.5	43.61	0.11	0.05	0.011	0.022	0.001
DCBR	PPW	WF1	4	1	dead	1	0.5	85.5	0.21	0.10	0.021	0.043	0.003
DCBR	PPW	WF1	4	1	dead	10	0.5	146.45	0.37	0.16	0.037	0.073	0.005
DCBR	PPW	WF1	4	2	live	foliage	0.5	99.13	0.25	0.11	0.025	0.050	0.003
DCBR	PPW	WF1	4	2	live	1	0.5	181.36	0.45	0.20	0.045	0.091	0.006
DCBR	PPW	WF1	4	2	live	10	0.5	632.69	1.58	0.71	0.158	0.316	0.020
DCBR	PPW	WF1	4	2	dead	drape	0.5	51.73	0.13	0.06	0.013	0.026	0.002
DCBR	PPW	WF1	4	2	dead	1	0.5	55.07	0.14	0.06	0.014	0.028	0.002
DCBR	PPW	WF1	4	2	dead	10	0.5	63.63	0.16	0.07	0.016	0.032	0.002
DCBR	PPW	WF1	4	3	live	foliage	0.5	57.48	0.14	0.06	0.014	0.029	0.002
DCBR	PPW	WF1	4	3	live	1	0.5	107.02	0.27	0.12	0.027	0.054	0.003
DCBR	PPW	WF1	4	3	live	10	0.5	423.28	1.06	0.47	0.106	0.212	0.013
DCBR	PPW	WF1	4	3	dead	drape	0.5	43.25	0.11	0.05	0.011	0.022	0.001
DCBR	PPW	WF1	4	3	dead	1	0.5	59.46	0.15	0.07	0.015	0.030	0.002
DCBR	PPW	WF1	4	3	dead	10	0.5	24.35	0.06	0.03	0.006	0.012	0.001
DCBR	PPW	WF1	4	4	live	foliage	2	376.87	0.94	0.42	0.094	0.047	0.003
DCBR	PPW	WF1	4	4	live	1	2	430.32	1.08	0.48	0.108	0.054	0.003
DCBR	PPW	WF1	4	4	live	10	2	373.33	0.93	0.42	0.093	0.047	0.003
DCBR	PPW	WF1	4	4	dead	drape	2	85.3	0.21	0.10	0.021	0.011	0.001
DCBR	PPW	WF1	4	4	dead	1	2	33.66	0.08	0.04	0.008	0.004	0.00
DCBR	PPW	WF1	4	4	dead	10	2	9.61	0.02	0.01	0.002	0.001	0.000

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
DCBR	PPW	WF2	0.5	0	dead	litter	0.04	291.63	5.83	2.60	0.583	13.525	0.845
DCBR	PPW	WF2	4	1	live	foliage	0.5	65.49	0.16	0.07	0.016	0.033	0.002
DCBR	PPW	WF2	4	1	live	1	0.5	178.16	0.45	0.20	0.045	0.089	0.006
DCBR	PPW	WF2	4	1	live	10	0.5	311.26	0.78	0.35	0.078	0.156	0.010
DCBR	PPW	WF2	4	1	dead	drape	0.5	95.53	0.24	0.11	0.024	0.048	0.003
DCBR	PPW	WF2	4	1	dead	1	0.5	295.14	0.74	0.33	0.074	0.148	0.009
DCBR	PPW	WF2	4	1	dead	10	0.5	376.5	0.94	0.42	0.094	0.188	0.012
DCBR	PPW	WF2	4	2	live	foliage	0.5	132.53	0.33	0.15	0.033	0.066	0.004
DCBR	PPW	WF2	4	2	live	1	0.5	216.88	0.54	0.24	0.054	0.108	0.007
DCBR	PPW	WF2	4	2	live	10	0.5	137.46	0.34	0.15	0.034	0.069	0.004
DCBR	PPW	WF2	4	2	dead	drape	0.5	84.23	0.21	0.09	0.021	0.042	0.003
DCBR	PPW	WF2	4	2	dead	1	0.5	39.98	0.10	0.04	0.010	0.020	0.001
DCBR	PPW	WF2	4	2	dead	10	0.5	4.01	0.01	0.00	0.001	0.002	0.000
DCBR	PPW	WF2	4	3	live	foliage	0.5	110.77	0.28	0.12	0.028	0.055	0.003
DCBR	PPW	WF2	4	3	live	1	0.5	98.88	0.25	0.11	0.025	0.049	0.003
DCBR	PPW	WF2	4	3	live	10	0.5	70.22	0.18	0.08	0.018	0.035	0.002
DCBR	PPW	WF2	4	3	dead	drape	0.5	9.39	0.02	0.01	0.002	0.005	0.000
DCBR	PPW	WF2	4	3	dead	1	0.5	35.94	0.09	0.04	0.009	0.018	0.001
DCBR	PPW	WF2	4	3	dead	10	0.5	16.87	0.04	0.02	0.004	0.008	0.001
DCBR	PPW	WF2	4	4	live	foliage	1.8	98.65	0.25	0.11	0.025	0.014	0.001
DCBR	PPW	WF2	4	4	live	1	1.8	145.96	0.36	0.16	0.036	0.020	0.001
DCBR	PPW	WF2	4	4	live	10	1.8	356.13	0.89	0.40	0.089	0.049	0.003
DCBR	PPW	WF2	4	4	dead	drape	1.8	11.36	0.03	0.01	0.003	0.002	0.000
DCBR	PPW	WF2	4	4	dead	1	1.8	61.74	0.15	0.07	0.015	0.009	0.001
DCBR	PPW	WF2	4	4	dead	10	1.8	29.8	0.07	0.03	0.007	0.004	0.000

listing of fuel weight data for each pocosin and PPW plot

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	ayer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
DCBR	PPW	WF3	0.5	0	dead	litter	0.03	193.52	3.87	1.73	0.387	12.901	0.806
DCBR	PPW	WF3	4	1	live	foliage	0.5	35.91	0.09	0.04	0.009	0.018	0.001
DCBR	PPW	WF3	4	1	live	1	0.5	102.74	0.26	0.11	0.026	0.051	0.003
DCBR	PPW	WF3	4	1	live	10	0.5	875.16	2.19	0.98	0.219	0.438	0.027
DCBR	PPW	WF3	4	1	dead	drape	0.5	121.09	0.30	0.14	0.030	0.061	0.004
DCBR	PPW	WF3	4	1	dead	1	0.5	149.44	0.37	0.17	0.037	0.075	0.005
DCBR	PPW	WF3	4	1	dead	10	0.5	1001.31	2.50	1.12	0.250	0.501	0.031
DCBR	PPW	WF3	4	2	live	foliage	0.5	34.61	0.09	0.04	0.009	0.017	0.001
DCBR	PPW	WF3	4	2	live	1	0.5	121.6	0.30	0.14	0.030	0.061	0.004
DCBR	PPW	WF3	4	2	live	10	0.5	787.54	1.97	0.88	0.197	0.394	0.025
DCBR	PPW	WF3	4	2	dead	drape	0.5	55.75	0.14	0.06	0.014	0.028	0.002
DCBR	PPW	WF3	4	2	dead	1	0.5	96.83	0.24	0.11	0.024	0.048	0.003
DCBR	PPW	WF3	4	2	dead	10	0.5	86.06	0.22	0.10	0.022	0.043	0.003
DCBR	PPW	WF3	4	3	live	foliage	0.5	34.92	0.09	0.04	0.009	0.017	0.001
DCBR	PPW	WF3	4	3	live	1	0.5	172.66	0.43	0.19	0.043	0.086	0.005
DCBR	PPW	WF3	4	3	live	10	0.5	333.16	0.83	0.37	0.083	0.167	0.010
DCBR	PPW	WF3	4	3	dead	drape	0.5	98.95	0.25	0.11	0.025	0.049	0.003
DCBR	PPW	WF3	4	3	dead	1	0.5	65.06	0.16	0.07	0.016	0.033	0.002
DCBR	PPW	WF3	4	3	dead	10	0.5	18.94	0.05	0.02	0.005	0.009	0.001
DCBR	PPW	WF3	4	4	live	foliage	1.7	228.76	0.57	0.26	0.057	0.034	0.002
DCBR	PPW	WF3	4	4	live	1	1.7	333.17	0.83	0.37	0.083	0.049	0.003
DCBR	PPW	WF3	4	4	live	10	1.7	168.31	0.42	0.19	0.042	0.025	0.002
DCBR	PPW	WF3	4	4	dead	drape	1.7	71.89	0.18	0.08	0.018	0.011	0.001
DCBR	PPW	WF3	4	4	dead	1	1.7	36.25	0.09	0.04	0.009	0.005	0.00
DCBR	PPW	WF3	4	4	dead	10	1.7	9.83	0.02	0.01	0.002	0.001	0.000

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	componen	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
DCBR	PPW	WF4	0.5	0	dead	litter	0.04	340.96	6.82	3.04	0.682	15.587	0.974
DCBR	PPW	WF4	4	1	live	foliage	0.5	18.61	0.05	0.02	0.005	0.009	0.001
DCBR	PPW	WF4	4	1	live	1	0.5	33.95	0.08	0.04	0.008	0.017	0.001
DCBR	PPW	WF4	4	1	live	10	0.5	45.68	0.11	0.05	0.011	0.023	0.001
DCBR	PPW	WF4	4	1	dead	drape	0.5	10.79	0.03	0.01	0.003	0.005	0.000
DCBR	PPW	WF4	4	1	dead	1	0.5	72.37	0.18	0.08	0.018	0.036	0.002
DCBR	PPW	WF4	4	1	dead	10	0.5	131.49	0.33	0.15	0.033	0.066	0.004
DCBR	PPW	WF4	4	2	live	foliage	0.5	38.58	0.10	0.04	0.010	0.019	0.001
DCBR	PPW	WF4	4	2	live	1	0.5	45.53	0.11	0.05	0.011	0.023	0.001
DCBR	PPW	WF4	4	2	live	10	0.5	33.94	0.08	0.04	0.008	0.017	0.001
DCBR	PPW	WF4	4	2	dead	drape	0.5	15.28	0.04	0.02	0.004	0.008	0.000
DCBR	PPW	WF4	4	2	dead	1	0.5	15.47	0.04	0.02	0.004	0.008	0.000
DCBR	PPW	WF4	4	2	dead	10	0.5	13.52	0.03	0.02	0.003	0.007	0.000
DCBR	PPW	WF4	4	3	live	foliage	0.5	16.28	0.04	0.02	0.004	0.008	0.001
DCBR	PPW	WF4	4	3	live	1	0.5	12.38	0.03	0.01	0.003	0.006	0.000
DCBR	PPW	WF4	4	3	live	10	0.5						
DCBR	PPW	WF4	4	3	dead	drape	0.5	2.11	0.01	0.00	0.001	0.001	0.000
DCBR	PPW	WF4	4	3	dead	1	0.5	5.89	0.01	0.01	0.001	0.003	0.000
DCBR	PPW	WF4	4	3	dead	10	0.5						
DCBR	PPW	WF4	4	4	live	foliage	0.1	3.09	0.01	0.00	0.001	0.008	0.000
DCBR	PPW	WF4	4	4	live	1	0.1	1.23	0.00	0.00	0.000	0.003	0.000
DCBR	PPW	WF4	4	4	live	10	0.1						
DCBR	PPW	WF4	4	4	dead	drape	0.1	0.97	0.00	0.00	0.000	0.002	0.000
DCBR	PPW	WF4	4	4	dead	1	0.1						
DCBR	PPW	WF4	4	4	dead	10	0.1						

			(m2)				(m)	net	loading			bulk density	
Site	Veg type	Plot	plot size	Layer	live/dead	component	layer depth	weight	Mg/ha	tons/ac	kg/m2	kg/m3	lb/ft3
DCBR	PPW	WF5	0.5	0	dead	litter	0.05	588.06	11.76	5.25	1.176	25.778	1.610
DCBR	PPW	WF5	4	1	live	foliage	0.5	73.12	0.18	0.08	0.018	0.037	0.002
DCBR	PPW	WF5	4	1	live	1	0.5	266.21	0.67	0.30	0.067	0.133	0.008
DCBR	PPW	WF5	4	1	live	10	0.5	327.54	0.82	0.37	0.082	0.164	0.010
DCBR	PPW	WF5	4	1	dead	drape	0.5	165.53	0.41	0.18	0.041	0.083	0.005
DCBR	PPW	WF5	4	1	dead	1	0.5	105.37	0.26	0.12	0.026	0.053	0.003
DCBR	PPW	WF5	4	1	dead	10	0.5	264.32	0.66	0.29	0.066	0.132	0.008
DCBR	PPW	WF5	4	2	live	foliage	0.5	191.42	0.48	0.21	0.048	0.096	0.006
DCBR	PPW	WF5	4	2	live	1	0.5	318.43	0.80	0.36	0.080	0.159	0.010
DCBR	PPW	WF5	4	2	live	10	0.5	62.34	0.16	0.07	0.016	0.031	0.002
DCBR	PPW	WF5	4	2	dead	drape	0.5	135.6	0.34	0.15	0.034	0.068	0.004
DCBR	PPW	WF5	4	2	dead	1	0.5	47.64	0.12	0.05	0.012	0.024	0.001
DCBR	PPW	WF5	4	2	dead	10	0.5	90.95	0.23	0.10	0.023	0.045	0.003
DCBR	PPW	WF5	4	3	live	foliage	0.5	59.12	0.15	0.07	0.015	0.030	0.002
DCBR	PPW	WF5	4	3	live	1	0.5	63.78	0.16	0.07	0.016	0.032	0.002
DCBR	PPW	WF5	4	3	live	10	0.5	4.27	0.01	0.00	0.001	0.002	0.000
DCBR	PPW	WF5	4	3	dead	drape	0.5	7.53	0.02	0.01	0.002	0.004	0.000
DCBR	PPW	WF5	4	3	dead	1	0.5	10.44	0.03	0.01	0.003	0.005	0.000
DCBR	PPW	WF5	4	3	dead	10	0.5	9.28	0.02	0.01	0.002	0.005	0.000
DCBR	PPW	WF5	4	4	live	foliage	0.3	18.4	0.05	0.02	0.005	0.015	0.001
DCBR	PPW	WF5	4	4	live	1	0.3	13.91	0.03	0.02	0.003	0.012	0.001
DCBR	PPW	WF5	4	4	live	10	0.3						
DCBR	PPW	WF5	4	4	dead	drape	0.3	2.35	0.01	0.00	0.001	0.002	0.000
DCBR	PPW	WF5	4	4	dead	1	0.3						
DCBR	PPW	WF5	4	4	dead	10	0.3						

SAV	mid-flame wind	fuel load (t/a)	fuelbed depth (ft)	bulk density kg/m3	mass flow rate kg/m2/min	packing ratio	optimum packing ratio	relative packing ratio	reaction velocity	reaction intensity	rate of spread
1500	0	5	3.65	1.0	1.9	0.0020	0.0084	0.23	11.1	4483	5.7
1500	0	5	1.80	2.0	2.5	0.0040	0.0084	0.47	13.5	5422	3.6
1500	0	5	1.20	3.1	2.8	0.0060	0.0084	0.71	14.4	5807	2.7
1500	0	5	0.90	4.1	3.0	0.0080	0.0084	0.95	14.7	5927	2.2
1500	0	5	0.72	5.1	3.2	0.0100	0.0084	1.19	14.6	5893	1.9
1500	0	5	0.60	6.1	3.3	0.0120	0.0084	1.42	14.3	5762	1.6
1500	0	5	0.51	7.2	3.3	0.0140	0.0084	1.67	13.8	5565	1.4
1500	4	5	3.65	1.0	36.5	0.0020	0.0084	0.23	11.1	4483	107.9
1500	4	5	1.80	2.0	35.3	0.0040	0.0084	0.47	13.5	5422	51.5
1500	4	5	1.20	3.1	34.2	0.0060	0.0084	0.71	14.4	5807	33.2
1500	4	5	0.90	4.1	33.0	0.0080	0.0084	0.95	14.7	5927	24.1
1500	4	5	0.72	5.1	31.8	0.0100	0.0084	1.19	14.6	5893	18.6
1500	4	5	0.60	6.1	30.7	0.0120	0.0084	1.42	14.3	5762	14.9
1500	4	5	0.51	7.2	29.5	0.0140	0.0084	1.67	13.8	5565	12.3
1500	8	5	3.65	1.0	87.6	0.0020	0.0084	0.23	11.1	4483	259.2
1500	8	5	1.80	2.0	84.0	0.0040	0.0084	0.47	13.5	5422	122.5
1500	8	5	1.20	3.1	80.6	0.0060	0.0084	0.71	14.4	5807	78.4
1500	8	5	0.90	4.1	77.3	0.0080	0.0084	0.95	14.7	5927	56.4
1500	8	5	0.72	5.1	74.2	0.0100	0.0084	1.19	14.6	5893	43.3
1500	8	5	0.60	6.1	71.2	0.0120	0.0084	1.42	14.3	5762	34.7
1500	8	5	0.51	7.2	68.3	0.0140	0.0084	1.67	13.8	5565	28.4
1500	12	5	3.65	1.0	147.7	0.0020	0.0084	0.23	11.1	4483	436.9
1500	12	5	1.80	2.0	141.1	0.0040	0.0084	0.47	13.5	5422	205.9
1500	12	5	1.20	3.1	135.1	0.0060	0.0084	0.71	14.4	5807	131.5
1500	12	5	0.90	4.1	129.5	0.0080	0.0084	0.95	14.7	5927	94.5
1500	12	5	0.72	5.1	124.1	0.0100	0.0084	1.19	14.6	5893	72.4
1500	12	5	0.60	6.1	118.9	0.0120	0.0084	1.42	14.3	5762	57.8
1500	12	5	0.51	7.2	113.9	0.0140	0.0084	1.67	13.8	5565	47.4
2000	0	5	3.65	1.0	2.8	0.0020	0.0066	0.30	13.0	5252	8.2
2000	0	5	1.80	2.0	3.3	0.0040	0.0066	0.60	14.9	5985	4.9
2000	0	5	1.20	3.1	3.7	0.0060	0.0066	0.90	15.4	6193	3.6
2000	0	5	0.90	4.1	3.9	0.0080	0.0066	1.20	15.3	6167	2.8
2000	0	5	0.72	5.1	4.1	0.0100	0.0066	1.50	14.9	6014	2.4
2000	0	5	0.60	6.1	4.2	0.0120	0.0066	1.80	14.4	5787	2.0
2000	0	5	0.51	7.2	4.2	0.0140	0.0066	2.11	13.7	5513	1.8
2000	4	5	3.65	1.0	44.4	0.0020	0.0066	0.30	13.0	5252	131.3
2000	4	5	1.80	2.0	42.8	0.0040	0.0066	0.60	14.9	5985	62.5
2000	4	5	1.20	3.1	41.4	0.0060	0.0066	0.90	15.4	6193	40.3
2000	4	5	0.90	4.1	40.1	0.0080	0.0066	1.20	15.3	6167	29.2
2000	4	5	0.72	5.1	38.8	0.0100	0.0066	1.50	14.9	6014	22.6
2000	4	5	0.60	6.1	37.5	0.0120	0.0066	1.80	14.4	5787	18.3
2000	4	5	0.51	7.2	36.3	0.0140	0.0066	2.11	13.7	5513	15.1
2000	8	5	3.65	1.0	123.0	0.0020	0.0066	0.30	13.0	5252	364.1
2000	8	5	1.80	2.0	117.4	0.0040	0.0066	0.60	14.9	5985	171.4
2000	8	5	1.20	3.1	112.8	0.0060	0.0066	0.90	15.4	6193	109.7
2000	8	5	0.90	4.1	108.5	0.0080	0.0066	1.20	15.3	6167	79.1
2000	8	5	0.72	5.1	104.5	0.0100	0.0066	1.50	14.9	6014	61.0
2000	8	5	0.60	6.1	100.6	0.0120	0.0066	1.80	14.4	5787	49.0
2000	8	5	0.51	7.2	96.9	0.0140	0.0066	2.11	13.7	5513	40.3
2000	12	5	3.65	1.0	226.5	0.0020	0.0066	0.30	13.0	5252	670.3
2000	12	5	1.80	2.0	215.6	0.0040	0.0066	0.60	14.9	5985	314.6
2000	12	5	1.20	3.1	206.6	0.0060	0.0066	0.90	15.4	6193	201.0
2000	12	5	0.90	4.1	198.4	0.0080	0.0066	1.20	15.3	6167	144.8
2000	12	5	0.72	5.1	190.8	0.0100	0.0066	1.50	14.9	6014	111.4
2000	12	5	0.60	6.1	183.7	0.0120	0.0066	1.80	14.4	5787	89.3
2000	12	5	0.51	7.2	176.7	0.0140	0.0066	2.11	13.7	5513	73.5
2500	0	5	3.65	1.0	3.6	0.0020	0.0055	0.36	14.2	5718	10.7
2500	0	5	1.80	2.0	4.3	0.0040	0.0055	0.72	15.6	6275	6.2

2500	0	5	1.20	3.1	4.6	0.0060	0.0055	1.08	15.8	6352	4.5
2500	0	5	0.90	4.1	4.8	0.0080	0.0055	1.44	15.5	6226	3.5
2500	0	5	0.72	5.1	5.0	0.0100	0.0055	1.80	14.9	5997	2.9
2500	0	5	0.60	6.1	5.1	0.0120	0.0055	2.16	14.2	5713	2.5
2500	0	5	0.51	7.2	5.2	0.0140	0.0055	2.53	13.4	5395	2.2
2500	4	5	3.65	1.0	52.5	0.0020	0.0055	0.36	14.2	5718	155.4
2500	4	5	1.80	2.0	51.1	0.0040	0.0055	0.72	15.6	6275	74.6
2500	4	5	1.20	3.1	49.8	0.0060	0.0055	1.08	15.8	6352	48.4
2500	4	5	0.90	4.1	48.5	0.0080	0.0055	1.44	15.5	6226	35.4
2500	4	5	0.72	5.1	47.2	0.0100	0.0055	1.80	14.9	5997	27.6
2500	4	5	0.60	6.1	46.0	0.0120	0.0055	2.16	14.2	5713	22.4
2500	4	5	0.51	7.2	44.8	0.0140	0.0055	2.53	13.4	5395	18.6
2500	8	5	3.65	1.0	165.5	0.0020	0.0055	0.36	14.2	5718	489.7
2500	8	5	1.80	2.0	159.4	0.0040	0.0055	0.72	15.6	6275	232.5
2500	8	5	1.20	3.1	154.2	0.0060	0.0055	1.08	15.8	6352	150.0
2500	8	5	0.90	4.1	149.3	0.0080	0.0055	1.44	15.5	6226	109.0
2500	8	5	0.72	5.1	144.8	0.0100	0.0055	1.80	14.9	5997	84.5
2500	8	5	0.60	6.1	140.5	0.0120	0.0055	2.16	14.2	5713	68.3
2500	8	5	0.51	7.2	136.2	0.0140	0.0055	2.53	13.4	5395	56.7
2500	12	5	3.65	1.0	329.7	0.0020	0.0055	0.36	14.2	5718	975.5
2500	12	5	1.80	2.0	316.7	0.0040	0.0055	0.72	15.6	6275	462.1
2500	12	5	1.20	3.1	305.8	0.0060	0.0055	1.08	15.8	6352	297.5
2500	12	5	0.90	4.1	295.9	0.0080	0.0055	1.44	15.5	6226	215.9
2500	12	5	0.72	5.1	286.6	0.0100	0.0055	1.80	14.9	5997	167.3
2500	12	5	0.60	6.1	277.7	0.0120	0.0055	2.16	14.2	5713	135.1
2500	12	5	0.51	7.2	269.1	0.0140	0.0055	2.53	13.4	5395	111.9
2000	0	2	1.46	1.0	1.8	0.0020	0.0048	0.41	14.9	2407	5.4
2000	0	2	0.72	2.0	2.1	0.0040	0.0048	0.84	16.0	2572	3.1
2000	0	2	0.48	3.1	2.3	0.0060	0.0048	1.26	15.9	2564	2.2
2000	0	2	0.36	4.1	2.4	0.0080	0.0048	1.68	15.4	2486	1.7
2000	0	2	0.29	5.1	2.4	0.0100	0.0048	2.09	14.7	2374	1.4
2000	0	2	0.24	6.1	2.5	0.0120	0.0048	2.51	13.9	2245	1.2
2000	0	2	0.21	7.2	2.5	0.0140	0.0048	2.94	13.1	2106	1.0
2000	4	2	1.46	1.0	24.6	0.0020	0.0048	0.41	14.9	2407	72.9
2000	4	2	0.72	2.0	24.3	0.0040	0.0048	0.84	16.0	2572	35.4
2000	4	2	0.48	3.1	23.9	0.0060	0.0048	1.26	15.9	2564	23.2
2000	4	2	0.36	4.1	23.4	0.0080	0.0048	1.68	15.4	2486	17.1
2000	4	2	0.29	5.1	23.0	0.0100	0.0048	2.09	14.7	2374	13.4
2000	4	2	0.24	6.1	22.6	0.0120	0.0048	2.51	13.9	2245	11.0
2000	4	2	0.21	7.2	22.1	0.0140	0.0048	2.94	13.1	2106	9.2
2000	8	2	1.46	1.0	87.3	0.0020	0.0048	0.41	14.9	2407	258.4
2000	8	2	0.72	2.0	85.2	0.0040	0.0048	0.84	16.0	2572	124.3
2000	8	2	0.48	3.1	83.2	0.0060	0.0048	1.26	15.9	2564	81.0
2000	8	2	0.36	4.1	81.3	0.0080	0.0048	1.68	15.4	2486	59.3
2000	8	2	0.29	5.1	79.5	0.0100	0.0048	2.09	14.7	2374	46.4
2000	8	2	0.24	6.1	77.7	0.0120	0.0048	2.51	13.9	2245	37.8
2000	8	2	0.21	7.2	75.8	0.0140	0.0048	2.94	13.1	2106	31.5
2000	12	2	1.46	1.0	187.0	0.0020	0.0048	0.41	14.9	2407	553.4
2000	12	2	0.72	2.0	182.1	0.0040	0.0048	0.84	16.0	2572	265.7
2000	12	2	0.48	3.1	177.6	0.0060	0.0048	1.26	15.9	2564	172.8
2000	12	2	0.36	4.1	173.4	0.0080	0.0048	1.68	15.4	2486	126.5
2000	12	2	0.29	5.1	169.3	0.0100	0.0048	2.09	14.7	2374	98.8
2000	12	2	0.24	6.1	165.3	0.0120	0.0048	2.51	13.9	2245	80.4
2000	12	2	0.21	7.2	161.3	0.0140	0.0048	2.94	13.1	2106	67.1

Listing of litter depth and shrub depth data

				litter depth (cm)									height (m)	
Site	Veg type	Plot	Date	1	2	3	4	5	6	7	8	avg	max	avg
CNF	HP	1	17-Mar	3.5	2.0	2.5	3.0	2.0	2.5	2.5	2.0	0.03	1.00	0.75
CNF	HP	2	17-Mar	4.0	4.0	5.5	6.0	7.0	7.5	5.0	6.0	0.06	1.60	1.10
CNF	HP	3	17-Mar	4.0	4.0	7.0	6.5	5.0	4.0	5.0	4.0	0.05	2.00	1.00
CNF	HP	4	17-Mar	4.0	4.5	2.5	2.0	2.0	4.5	2.0	4.0	0.03	1.70	1.40
CNF	HP	5	17-Mar	5.0	2.5	5.0	4.0	4.0	3.5	4.0	4.0	0.04	1.80	1.20
CNF	HP	6	17-Mar	8.5	6.0	10.0	4.5	9.0	6.0	6.0	4.0	0.07	1.35	1.00
CNF	HP	7	17-Mar	3.5	7.0	9.0	5.0	8.0	5.0	3.5	5.0	0.06	1.00	0.80
CNF	HP	8	17-Mar	6.0	4.0	7.5	10.0	3.0	6.0	5.0	5.0	0.06	1.20	1.00
CNF	HP	9	17-Mar	3.5	5.0	3.0	6.5	4.0	4.5	2.5	3.0	0.04	1.30	1.00
CNF	HP	10	17-Mar	11.0	12.0	7.0	13.0	3.0	2.0	2.5	6.0	0.07	1.50	0.70
CNF	LPB	1	15-Mar	2.5	2.5	1.0	1.5	3.0	2.0	2.0	3.0	0.02	0.85	0.40
CNF	LPB	2	15-Mar	3.0	3.5	4.0	4.0	3.0	4.0	4.5	4.0	0.04	1.00	0.60
CNF	LPB	3	15-Mar	2.0	2.0	2.0	2.0	1.0	1.0	1.5	2.0	0.02	0.65	0.40
CNF	LPB	4	15-Mar	3.0	2.0	2.5	3.5	2.5	2.0	3.0	3.5	0.03	0.80	0.60
CNF	LPB	5	15-Mar	2.0	2.0	2.5	3.0	1.5	2.5	1.0	1.0	0.02	0.85	0.70
CNF	LPB	6	15-Mar	2.5	2.0	2.5	2.5	2.5	1.5	2.0	2.0	0.02	0.93	0.76
CNF	LPB	7	15-Mar	2.0	2.5	1.0	2.5	3.0	3.0	2.5	3.0	0.02	0.85	0.60
CNF	LPB	8	15-Mar	1.0	1.5	1.5	1.0	3.5	3.5	2.0	2.5	0.02	1.20	0.50
CNF	LPB	9	15-Mar	3.0	2.0	2.0	1.5	3.0	4.0	2.5	3.0	0.03	0.80	0.65
CNF	LPB	10	15-Mar	5.0	4.0	3.5	4.0	2.0	2.5	3.0	3.0	0.03	1.00	0.70
CNF	LPD	1	16-Mar	3.5	3.0	5.5	5.5	7.0	4.5	7.0	3.5	0.05	1.80	1.00
CNF	LPD	2	16-Mar	4.5	5.0	5.0	5.5	5.0	3.5	3.0	4.0	0.04	1.60	1.20
CNF	LPD	3	16-Mar	5.5	2.0	5.0	5.0	4.0	6.0	3.0	6.0	0.05	2.10	1.20
CNF	LPD	4	16-Mar	3.0	3.5	3.0	3.5	3.0	3.0	5.0	3.0	0.03	2.00	1.50
CNF	LPU	1	15-Mar	4.0	3.0	4.5	4.0	4.0	2.5	3.0	2.0	0.03	1.10	0.75
CNF	LPU	2	15-Mar	2.0	1.0	3.5	4.0	3.0	3.0	2.0	2.0	0.03	1.45	0.85
CNF	LPU	3	15-Mar	5.0	7.0	10.0	11.0	4.5	4.5	3.0	5.5	0.06	1.35	1.00
CNF	LPU	4	16-Mar	4.0	3.0	5.0	5.5	7.0	6.0	6.0	5.0	0.05	1.10	0.80
CNF	LPU	5	16-Mar	3.0	4.0	4.0	2.5	4.0	4.5	4.0	4.0	0.04	0.90	0.65
CNF	LPU	6	16-Mar	6.5	4.5	5.5	5.0	3.0	4.0	5.0	4.5	0.05	1.15	0.60
CNF	LPU	7	16-Mar	8.0	4.0	4.0	4.5	3.5	4.0	5.0	7.5	0.05	2.80	1.00
CNF	LPU	8	16-Mar	7.0	3.0	6.5	8.5	6.0	7.0	10.0	7.5	0.07	0.96	0.70
CNF	LPU	9	16-Mar	6.0	3.0	3.0	3.0	3.5	2.5	4.0	3.0	0.04	1.20	0.90
CNF	LPU	10	16-Mar	3.5	3.0	5.0	2.0	3.0	4.0	3.5	3.0	0.03	2.00	0.95

Listing of litter depth and shrub depth data

				litter depth (cm)									height (m)	
Site	Veg type	Plot	Date	1	2	3	4	5	6	7	8	avg	max	avg
DCBR	HP	1	12-Mar	3.0	4.0	4.0	3.5	3.0	4.0	2.0	3.0	0.03	2.35	2.00
DCBR	HP	2	12-Mar	2.5	5.0	1.5	3.0	5.5	6.5	6.5	6.0	0.05	2.36	2.00
DCBR	HP	3	12-Mar	1.5	1.5	1.5	1.0	2.0	1.5	2.0	4.0	0.02	1.76	1.50
DCBR	HP	4	12-Mar	3.5	3.0	3.5	2.5	3.5	4.0	3.0	2.5	0.03	1.65	1.10
DCBR	HP	5	12-Mar	3.0	4.0	3.0	2.5	4.0	5.0	4.0	5.0	0.04	1.00	1.00
DCBR	HP	6	12-Mar	2.0	3.5	1.5	1.0	2.5	2.5	2.0	2.5	0.02	2.70	2.50
DCBR	HP	7	12-Mar	2.5	3.0	2.5	1.5	2.0	2.5	2.0	3.0	0.02	2.25	1.90
DCBR	HP	8	12-Mar	3.5	2.0	2.0	2.5	2.0	1.0	3.0	1.0	0.02	3.70	3.20
DCBR	HP	9	12-Mar	3.0	3.5	2.0	2.5	1.5	1.5	1.0	3.0	0.02	2.55	2.35
DCBR	HP	10	12-Mar	1.5	2.0	2.0	1.0	2.5	1.5	1.0	5.0	0.02	3.10	3.00
DCBR	LP	1	13-Mar	2.0	1.5	0.5	3.5	3.5	4.5	4.5	2.0	0.03	1.48	1.36
DCBR	LP	2	13-Mar	3.0	1.5	2.0	3.5	2.0	3.0	3.5	3.0	0.03	1.30	1.10
DCBR	LP	3	13-Mar	2.0	2.5	2.5	1.5	3.0	4.0	1.5	4.5	0.03	0.64	0.50
DCBR	LP	4	13-Mar	2.0	2.5	3.0	1.5	3.0	1.5	3.0	2.5	0.02	0.80	0.50
DCBR	LP	5	13-Mar	3.0	3.5	1.5	1.0	3.0	3.0	4.0	2.5	0.03	1.46	1.30
DCBR	LP	6	13-Mar	3.5	4.0	3.5	3.5	3.0	6.0	1.5	1.0	0.03	1.70	1.30
DCBR	LP	7	13-Mar	3.0	3.5	1.5	1.0	0.0	0.0	0.0	0.0	0.01	0.50	0.50
DCBR	LP	8	13-Mar	2.7	2.0	1.5	2.1	3.5	3.5	5.0	3.3	0.03	1.70	1.25
DCBR	LP	9	13-Mar	2.5	2.2	2.9	1.0	2.0	2.8	2.7	4.0	0.03	1.20	0.70
DCBR	LP	10	13-Mar	3.1	2.5	3.0	2.8	2.0	3.0	2.0	3.5	0.03	1.30	0.90
DCBR	PPW	AF1	22-Mar	3.0	3.5	4.0	4.0	4.0	4.5	5.0	6.0	0.04	2.00	1.30
DCBR	PPW	AF2	22-Mar	2.5	3.0	3.5	4.0	3.0	3.0	4.0	4.5	0.03	3.35	1.80
DCBR	PPW	AF3	22-Mar	2.0	6.0	3.0	3.0	3.0	3.0	4.0	6.0	0.04	2.30	0.80
DCBR	PPW	AF4	22-Mar	2.5	5.0	3.5	2.0	3.0	4.0	3.5	3.0	0.03	2.00	1.00
DCBR	PPW	AF5	22-Mar	4.5	4.0	5.0	3.0	4.5	3.0	5.5	4.0	0.04	2.30	1.30
DCBR	PPW	WF1	24-Mar	6.0	4.0	5.0	4.5	4.0	3.0	3.0	2.0	0.04	3.50	1.80
DCBR	PPW	WF2	24-Mar	6.0	3.0	3.0	4.0	4.0	3.5	5.0	6.0	0.04	3.30	1.80
DCBR	PPW	WF3	24-Mar	2.0	2.5	3.0	4.0	3.0	3.0	3.0	3.5	0.03	3.20	1.70
DCBR	PPW	WF4	24-Mar	5.0	3.0	4.0	4.0	6.0	6.0	4.0	3.0	0.04	1.60	0.50
DCBR	PPW	WF5	24-Mar	5.0	7.0	5.0	3.5	2.5	5.0	4.0	4.5	0.05	1.80	1.20

fuel load by vertical layer and component (tons/ac)

DCBR		dead				live		
HP	litter	drape	1	10	foliage	1	10	total
1		0.03	0.84	0.72	0.44	0.84	2.92	5.78
2		0.01	0.56	0.35	0.39	0.55	2.51	4.37
3		0.00	0.56	0.14	0.42	0.68	2.12	3.92
4		0.00	0.52	0.12	1.16	1.77	1.65	5.21
total	3.85	0.03	2.48	1.33	2.40	3.84	9.20	**23.13**

site-average depth

mean (m)	max (m)	litter (cm)
2.055	2.342	2.775

fuel load by vertical layer and component (tons/ac)

DCBR		dead				live		
LP	litter	drape	1	10	foliage	1	10	total
1		0.12	1.78	0.81	0.46	1.29	1.54	5.99
2		0.00	1.04	0.17	0.46	0.75	0.59	3.01
3		0.00	0.21	0.01	0.33	0.38	0.05	0.97
4		0.00	0.00	0.00	0.01	0.00	0.00	0.01
total	2.39	0.12	3.02	0.99	1.26	2.41	2.17	**12.37**

site-average depth

mean (m)	max (m)	litter (cm)
0.941	1.208	2.57625

fuel load by vertical layer and component (tons/ac)

DCBR		dead				live		
PPW	litter	drape	1	10	foliage	1	10	total
1		0.14	0.17	0.37	0.05	0.16	0.31	1.21
2		0.06	0.07	0.13	0.09	0.15	0.38	0.88
3		0.03	0.04	0.06	0.05	0.07	0.20	0.45
4		0.04	0.03	0.05	0.10	0.17	0.20	0.59
total	3.07	0.27	0.31	0.62	0.29	0.55	1.09	**6.20**

site-average depth

mean (m)	max (m)	litter (cm)
1.32	2.535	3.9125

fuel load by vertical layer and component (tons/ac)

CNF		dead				live		
HP	litter	drape	1	10	foliage	1	10	total
1		0.11	2.00	0.49	0.51	1.29	0.52	4.92
2		0.00	0.90	0.14	0.44	0.75	0.23	2.46
3		0.00	0.10	0.00	0.14	0.29	0.05	0.58
4		0.00	0.00	0.00	0.04	0.04	0.00	0.09
total	2.48	0.11	3.00	0.62	1.13	2.38	0.81	**10.53**

site-average depth

mean (m)	max (m)	litter (cm)
0.995	1.445	4.9625

fuel load by vertical layer and component (tons/ac)

CNF		dead				live		
LPB	litter	drape	1	10	foliage	1	10	total
1		0.03	0.56	0.40	0.75	1.21	0.04	2.98
2		0.00	0.08	0.04	0.16	0.20	0.00	0.48
3		0.00	0.00	0.00	0.00	0.02	0.00	0.02
4		0.00	0.00	0.00	0.00	0.00	0.00	0.00
total	2.15	0.03	0.63	0.44	0.91	1.42	0.04	**5.63**

site-average depth

mean (m)	max (m)	litter (cm)
0.591	0.893	2.5

fuel load by vertical layer and component (tons/ac)

CNF		dead				live		
LPD	litter	drape	1	10	foliage	1	10	total
1		0.05	0.68	0.06	0.25	1.40	1.41	3.85
2		0.03	0.60	0.03	0.39	1.41	1.35	3.81
3		0.00	0.08	0.00	0.67	1.14	0.16	2.05
4		0.00	0.00	0.00	0.14	0.12	0.00	0.26
total	2.79	0.09	1.36	0.09	1.45	4.07	2.92	**12.76**

site-average depth

mean (m)	max (m)	litter (cm)
1.225	1.875	4.328125

fuel load by vertical layer and component (tons/ac)

CNF		dead				live		
LPU	litter	drape	1	10	foliage	1	10	total
1		0.03	0.92	0.45	0.49	1.40	0.94	4.24
2		0.01	0.39	0.06	0.49	0.76	0.35	2.05
3		0.00	0.02	0.00	0.12	0.15	0.04	0.33
4		0.00	0.00	0.00	0.06	0.04	0.00	0.11
total	2.74	0.05	1.34	0.51	1.15	2.35	1.33	**9.46**

site-average depth

mean (m)	max (m)	litter (cm)
0.82	1.401	4.48125

fuel load by vertical layer and component (tons/ac)

GS		dead				live		
HP	litter	drape	1	10	foliage	1	10	total
1		0.00	1.43	0.51	0.40	0.96	3.73	7.03
2		0.00	1.35	0.04	0.45	1.18	2.99	6.01
3		0.00	0.28	0.00	1.62	2.27	0.67	4.84
4		0.00	0.00	0.00	1.12	0.59	0.02	1.73
total	3.76	0.00	3.07	0.55	3.59	5.01	7.40	**23.38**

site-average depth

mean (m)	max (m)	litter (cm)
1.5	1.8375	4.484375

			max depth	average depth	litter depth	total above-ground biomass	surface leaf litter	total above-litter biomass	live 10-hr load	fine fuel load	poten-tially available fuel
			m	m	cm	t/ac	t/ac	t/ac	t/ac	t/ac	t/ac
CNF	HP	1	1.0	0.8	2.5	8.38	1.98	6.40	0.24	6.15	8.14
CNF	HP	2	1.6	1.1	5.6	15.05	3.12	11.93	2.00	9.93	13.05
CNF	HP	3	2.0	1.0	4.9	11.68	2.60	9.08	0.30	8.78	11.38
CNF	HP	4	1.7	1.4	3.2	11.22	2.62	8.60	0.72	7.87	10.50
CNF	HP	5	1.8	1.2	4.0	13.91	2.84	11.07	2.85	8.22	11.06
CNF	HP	6	1.4	1.0	6.8	9.62	2.47	7.15	0.20	6.96	9.43
CNF	HP	7	1.0	0.8	5.8	9.54	2.29	7.25	0.31	6.94	9.23
CNF	HP	8	1.2	1.0	5.8	9.52	2.83	6.69	0.86	5.83	8.66
CNF	HP	9	1.3	1.0	4.0	8.60	1.61	6.99	0.33	6.66	8.27
CNF	HP	10	1.5	0.7	7.1	7.82	2.45	5.37	0.30	5.08	7.52
CNF	LPB	1	0.9	0.4	2.2	4.04	2.13	1.91	0.04	1.88	4.01
CNF	LPB	2	1.0	0.6	3.8	6.61	3.19	3.42	0.00	3.42	6.61
CNF	LPB	3	0.7	0.4	1.7	3.44	1.51	1.93	0.00	1.93	3.44
CNF	LPB	4	0.8	0.6	2.8	6.33	2.04	4.29	0.03	4.26	6.30
CNF	LPB	5	0.9	0.7	1.9	4.25	2.05	2.20	0.00	2.20	4.25
CNF	LPB	6	0.9	0.8	2.2	4.75	2.26	2.49	0.11	2.38	4.64
CNF	LPB	7	0.9	0.6	2.4	5.07	2.19	2.88	0.00	2.88	5.07
CNF	LPB	8	1.2	0.5	2.1	6.47	1.43	5.04	0.10	4.95	6.37
CNF	LPB	9	0.8	0.7	2.6	7.90	2.67	5.23	0.14	5.09	7.76
CNF	LPB	10	1.0	0.7	3.4	7.43	2.02	5.41	0.00	5.41	7.43
CNF	LPD	1	1.8	1.0	4.9	14.16	3.10	11.06	2.49	8.58	11.68
CNF	LPD	2	1.6	1.2	4.4	11.71	3.20	8.52	2.74	5.78	8.98
CNF	LPD	3	2.1	1.2	4.6	14.36	2.40	11.96	3.50	8.46	10.86
CNF	LPD	4	2.0	1.5	3.4	10.81	2.46	8.35	2.97	5.38	7.84
CNF	LPU	1	1.1	0.8	3.4	9.40	3.84	5.56	0.59	4.97	8.81
CNF	LPU	2	1.5	0.9	2.6	9.62	2.55	7.07	1.50	5.57	8.11
CNF	LPU	3	1.4	1.0	6.3	12.03	4.00	8.02	1.29	6.73	10.74
CNF	LPU	4	1.1	0.8	5.2	7.23	2.43	4.81	0.25	4.56	6.98
CNF	LPU	5	0.9	0.7	3.8	5.95	0.00	5.95	2.41	3.54	3.54
CNF	LPU	6	1.2	0.6	4.8	9.05	3.29	5.76	0.39	5.37	8.65
CNF	LPU	7	2.8	1.0	5.1	8.38	3.39	4.99	1.03	3.96	7.35
CNF	LPU	8	1.0	0.7	6.9	8.02	3.14	4.87	0.88	3.99	7.13
CNF	LPU	9	1.2	0.9	3.5	11.80	1.76	10.04	1.88	8.16	9.92
CNF	LPU	10	2.0	1.0	3.4	13.18	2.96	10.22	3.08	7.15	10.10
DCBR	HP	1	2.4	2.0	3.3	26.34	4.35	21.99	10.75	11.24	15.59
DCBR	HP	2	2.4	2.0	4.6	29.01	5.19	23.82	11.41	12.41	17.59
DCBR	HP	3	1.8	1.5	1.9	16.96	2.35	14.61	4.01	10.60	12.95
DCBR	HP	4	1.7	1.1	3.2	19.33	4.74	14.59	3.94	10.66	15.40
DCBR	HP	5	1.0	1.0	3.8	10.12	5.24	4.88	0.32	4.56	9.80
DCBR	HP	6	2.7	2.5	2.2	25.96	3.10	22.87	10.98	11.89	14.99
DCBR	HP	7	2.3	1.9	2.4	23.72	5.23	18.49	8.76	9.73	14.96
DCBR	HP	8	3.7	3.2	2.1	31.07	2.85	28.21	19.08	9.13	11.99
DCBR	HP	9	2.6	2.4	2.3	25.14	2.92	22.22	10.23	11.99	14.91
DCBR	HP	10	3.1	3.0	2.1	23.69	2.50	21.19	12.51	8.68	11.18
DCBR	LP	1	1.5	1.4	2.8	15.00	2.52	12.47	4.17	8.30	10.83

DCBR	LP	2	1.3	1.1	2.7	14.68	2.16	12.51	1.61	10.91	13.07
DCBR	LP	3	0.6	0.5	2.7	3.92	0.69	3.23	0.45	2.78	3.47
DCBR	LP	4	0.8	0.5	2.4	8.10	2.24	5.87	0.17	5.70	7.93
DCBR	LP	5	1.5	1.3	2.7	16.21	2.51	13.70	5.72	7.98	10.49
DCBR	LP	6	1.7	1.3	3.3	15.99	2.92	13.08	3.85	9.23	12.14
DCBR	LP	7	0.5	0.5	1.1	4.48	2.03	2.45	0.18	2.27	4.30
DCBR	LP	8	1.7	1.3	3.0	18.30	3.33	14.97	3.31	11.66	14.98
DCBR	LP	9	1.2	0.7	2.5	12.50	2.64	9.86	0.94	8.92	11.56
DCBR	LP	10	1.3	0.9	2.7	14.55	2.85	11.70	1.33	10.37	13.22
DCBR	PPW	AF1	2.0	1.3	4.3	6.73	2.64	4.08	1.29	2.79	5.43
DCBR	PPW	AF2	3.4	1.8	3.4	5.01	3.27	1.75	0.91	0.83	4.10
DCBR	PPW	AF3	2.3	0.8	3.8	5.58	2.65	2.93	0.30	2.63	5.28
DCBR	PPW	AF4	2.0	1.0	3.3	5.97	3.79	2.19	0.59	1.60	5.39
DCBR	PPW	AF5	2.3	1.3	4.2	6.72	3.23	3.49	1.48	2.02	5.25
DCBR	PPW	WF1	3.5	1.8	3.9	7.36	2.47	4.89	2.42	2.47	4.94
DCBR	PPW	WF2	3.3	1.8	4.3	5.93	2.60	3.33	0.98	2.35	4.95
DCBR	PPW	WF3	3.2	1.7	3.0	7.35	1.73	5.62	2.41	3.21	4.93
DCBR	PPW	WF4	1.6	0.5	4.4	3.62	3.04	0.58	0.09	0.49	3.53
DCBR	PPW	WF5	1.8	1.2	4.6	7.74	5.25	2.50	0.44	2.06	7.30
GS	HP	D2	1.4	1.0	5.3	13.51	4.07	9.44	3.20	6.24	10.31
GS	HP	D3	2.5	2.0	4.1	21.33	2.63	18.70	8.57	10.13	12.76
GS	HP	W1	1.5	1.2	4.3	15.89	2.94	12.95	5.23	7.72	10.66
GS	HP	W2	2.0	1.8	4.3	23.38	3.76	19.62	7.40	12.22	15.98